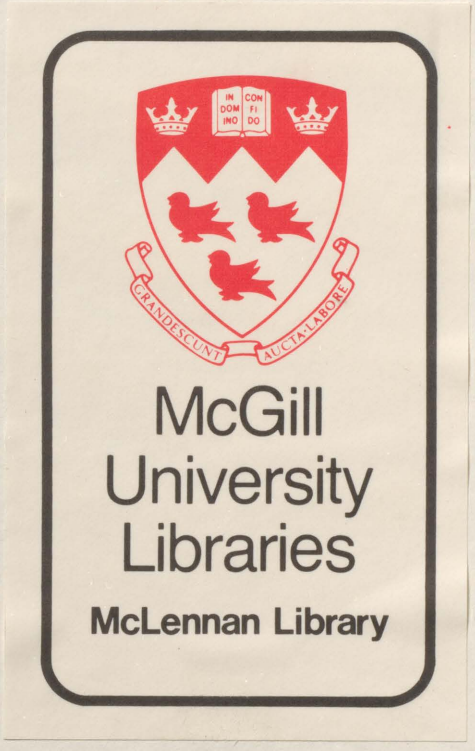
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McGill News

Spring 1981

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Kananginak presents "The Loon and the Fish"



K

World renowned Eskimo artist, Kananginak, photographed with his latest work at Cape Dorset, Northwest Territories, is one of seven famous Canadian artists whose work is now available in a special edition.

An exclusive arrangement between the West Baffin Eskimo Cooperative and the Mintmark Press enables you for the first time to have the work of a famous Eskimo artist at a popular price.

Each specially commissioned print measures 19¾" x 26" and is reproduced on fine art paper to the highest standards of quality and craftsmanship.

These works are not available in any other form. The Mintmark Edition is the only edition. Each print comes to you with Mintmark Press's guarantee: if not completely delighted with your acquisition, your money will be refunded.

Beautiful graphics from the following artists are also available:



A Kenojuak



B Pudlo



C Kananginak



D Pitseolak



E Pitseolak



F Lucy



I Lucy

This mark, which appears on each print along with the stonecutter's "chop" mark and the artist's own symbol, is the official emblem of the West Baffin Eskimo Cooperative, Cape Dorset, northwest Territories.

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(418) 687-3333

McGill Society of Montreal Travel Programme 1981

Greece, The Greek Islands and Ephesus
Date: Friday, May 22, 1981
(14 days with extension possible)
Price: $2,750.00 Cdn. per person
Tour Guide: Dr. George Snider

Sailing Excursion in P.E.I.
Date: From June 1st to August 20
(Selected 8-day excursions)
Price: From $500.00 Cdn. per person
(Includes return flight from Montreal)

Alaska Cruise
Date: June 27 to July 4, 1981
(One week)
Price: Approx. $1,950.00 Cdn. per person
(Includes return flight, Montreal-Vancouver, transfers. Stop-over at no additional travel cost.)
Tour Guide: Dr. Alice Johannsen

Rome, Florence, Sardinia
Date: May 30 (or) June 13, 1981
(14 days)
Price: $1,950.00 Cdn.
(Extended stop-over possible at no extra travel cost.)

Sri Lanka, India, Nepal
Date: October 1981
(22 days)
Price: T.B.A.
Tour Guide: Dr. Stanley Frost

Kenya, Seychelles, Tanzania
Date: Feb. March 1982
(23 days)
Price: T.B.A.
Tour Guide: T.B.A

Membership in the Travel Programme is available to graduates, parents and associates making contributions to McGill, or by paying a $10.00 fee to the McGill Society of Montreal.

Jost Travel,
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Cover photograph: Pierre-Louis Monçeau

Cover: "Persian Rug," by Saul Steinberg, a tapestry given to McGill University by Mrs. Regina Slatkin, BA'29, of New York City.

McGill News

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WHAT THE MARTLET HEARS

ERRATA

We would like to retract an item appearing in "Newsbreak," on page 6 of the Fall 1980 issue of the *McGill News:* McGill's pharmacology and therapeutics department is *not* offering a PhD training programme in toxicology.

In the introduction to the article on Professor of History W.J. Eccles appearing on page 8 in the same magazine, the third sentence should read: "He left Montreal in 1953 to spend four years teaching at the University of Manitoba followed by six years at the University of Alberta." The map accompanying the article should be entitled: "A map of North America as far as relates to the English settlements taken from the Sieur Bellin 1746."

Our sincere apologies to all those concerned. □

North-South dialogue for survival

"The countries of the North discuss development and human rights with the countries of the South, but they are not talking the same language," said South African refugee Chengiah Ragaven during a series of seminars on "The North-South Dialogue and Contemporary Evolution of International Law." The series, held by McGill's International Law Society (ILS) this January and February, featured an impressive array of local and international figures who discussed the large and growing disparity in standards of living that exists between developed and developing countries. Ragaven, decidedly one of the more pessimistic speakers, said he felt the dialogue so far had been "a monologue restricted to the North."

Currently a controversial international issue, the North-South Dialogue was originally proposed as an antidote to the failure of three decades of official development assistance. While western nations have seen a two or three-fold increase in national incomes since the 1950s, poor countries have suffered worsening malnutrition, unemployment, and mounting debts. In an attempt to reverse this trend, the United Nations, in 1974, called for the creation of a new economic order, insisting that economic development was the *right* of every nation. Working from this premise, the Brandt Commission spent two years examining international development issues, and last year, published their report—"North-South: A Programme for Survival."

A former head of both the Canadian Labour Congress and International Labour Organization, Joe Morris, who served on the Brandt Commission, delivered the keynote lecture of the McGill series on January 13. Warning the more than two hundred people in the audience that "urgent and drastic measures must be taken to avert imperding world catastrophe," he outlined the commission's four main proposals that were: to adapt international monetary institutions such as the International Monetary Fund and the World Bank to the needs of the Third World; to boost aid to developing countries to 0.7 per cent of the GNP of industrialized countries (Canada currently gives only .46 per cent of its GNP); to reduce protective tariffs against Third World exports; and to divert some of the $450 billion spent annually on armaments into development projects.

But as McGill Law professor and human rights lawyer John Humphrey, BCom'25, BA'27, BCL'29, PhD'45, pointed out, western countries in the past have been slow to act upon the United Nations' recommendations for the support of world-wide economic rights. Humphrey, who worked on the original draft of the United Nations' Universal Declaration of Human Rights in 1948, explained that economic rights are included in this bill alongside traditional civil rights such as the freedom of speech. Most western countries, nevertheless, tend to ignore these economic provisions. The United States Senate, for example, hasn't even ratified the declaration. But, in Humphrey's view, "Human rights on empty stomachs don't make much sense."

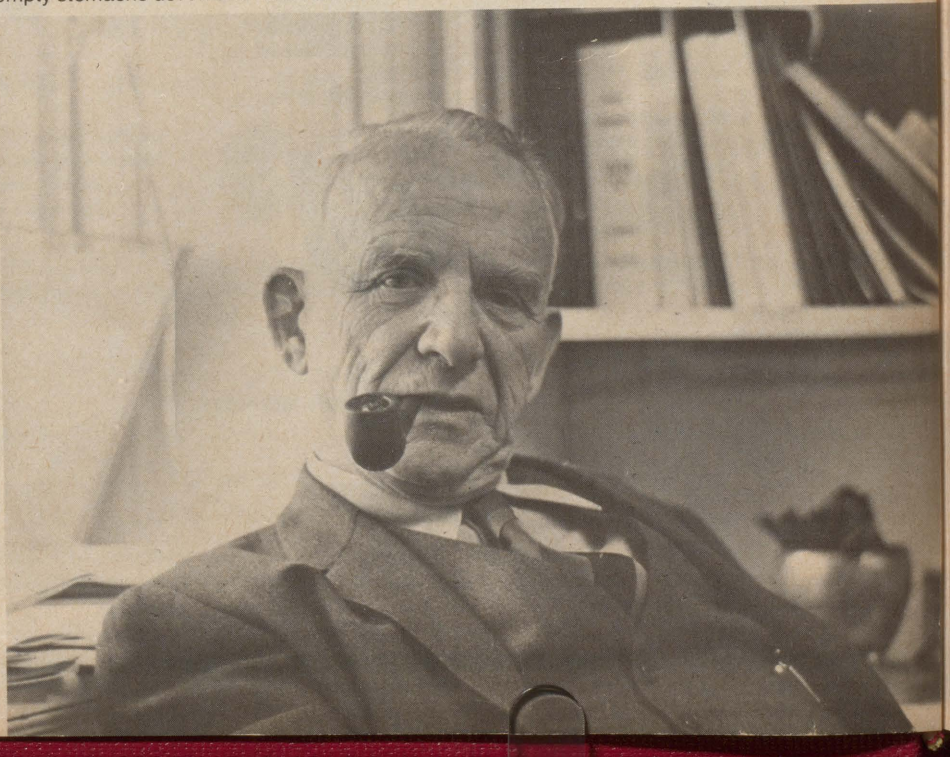
One way around this impasse, Humphrey said, lies in education. "The best guarantee of ensuring all rights," he explained, "will be an alert and educated public opinion." Third-year law student and President of the ILS Carl Pike, BA'77, couldn't have agreed more: "Any legal system, domestic or international, ultimately depends on the consensus of the population. That is why we are trying to educate people about international law and economic development," he added. "We want to educate people for change." *Richard Goldman* □

Rhodes scholar Danielle Fontaine gets her just desserts

One December Saturday afternoon while working in a McGill studio, fourth-year architecture student Danielle Fontaine received a call. Returning from the telephone she announced simply, "I've won!" As classmates cheered and celebratory wine flowed, a tearful Fontaine dashed to tell nearby friends that she was a Rhodes Scholar.

"I think I'm the first French-speaking woman who's won it," says Fontaine referring to the esteemed scholarship for which women were first eligible in 1977. Explaining that the award, established in 1903 by British diamond magnate Cecil Rhodes to give exceptional young male colonists an Oxford education, is not well-known in Quebec's francophone community, Fontaine says: "At the beginning, applying for a Rhodes Scholarship was just applying to get someone to pay for me to go to Oxford. Only later did I find

According to McGil law professor and human rights activist John Humphrey, "Human rights on empty stomachs don't make much sense."



out that it was such an honour."

With encouragement from her professors and her own determined thoroughness, Fontaine completed the arduous application process to find the culminating twenty minute interview "a little bit boring. They asked questions only on architecture," she recalls of her examiners. Nevertheless, they found her to be the perfect candidate. As School of Architecture Director Derek Drummond, BArch'62, says, "She's an excellent combination of topflight academic and leader."



Harold Rosenberg

Danielle Fontaine: It'll be quieter, but not as much fun without her.

Choosing her discipline because it embraces both the sciences and arts, Fontaine has specialized in industrial architecture, which in her opinion is a challenging field: "The industrial architecture so far in Canada and North America is pretty poor. It's industrial buildings, not industrial architecture. It's just the bare minimum—boxes over machines. In Europe they have really started to care about industrial architecture more. I think we should be following that trend too," she points out. But before beginning a campaign to revolutionize Canada's industrial parks, Fontaine plans to occupy her two Oxford years studying the politics and economics of industry.

Described by her professors as a "spark plug" whose infectious enthusiasm has animated the entire school, Fontaine has served as president of the Architectural Undergraduate Society, overseeing the rewriting of their constitution and the reinstatement of certain neglected committees. Distressed by signs of the February blues in the long faces of her peers during her first year, she instigated the "Utopic Dessert Contest." In this now well-established culinary rite, architectural students annually vie for honours in the "best-tasting and best-looking dessert categories," while the entire school gathers, foregoing lunch, to consume mouth-watering delicacies. And when she's not baking cakes or designing her own clothes, Fontaine can be found practicing solo flying for her pilot's license at the St. Hubert airport.

But a boat—the Queen Elizabeth II—not a plane, will take Fontaine and other North American scholarship winners across the Atlantic to Oxford late this summer. A seasoned traveller, she is also excited about the prospect of jaunts around the British Isles and the Continent. In the meantime, McGill's School of Architecture will be saying goodbye to one of its most energetic organizers. As Director Drummond says, envisioning the school after Fontaine's departure, "It'll be quieter, but not as much fun."*Alison Nesmith* □

Health: It's all in the Family

After many years of secretly "living in sin," a ninety-seven-year-old man and a ninety-five-year-old woman got married. Why had they waited so long to take their vows? As the newlyweds themselves explained, "We postponed our marriage until our children were dead."

Jane Howard, New York author of the bestseller *Families*, thinks this story is more than just a modern romance with a cute geriatric twist. The elderly couple have denied their own wishes in order to avoid upsetting their families, an all too common practice that, Howard feels, is a symptom of the breakdown in contemporary family life. "We don't impose on each other enough," she says. Speaking on February 6 at a family health seminar, the second in a series organized, in part, by the McGill School of Nursing to celebrate its diamond jubilee year, Howard described the psychological and social pressures that threaten family life in our advanced industrial society. One half of all families in the United States have experienced divorce, says Howard, and 15.5 million Americans live alone.

Family health care arose partly as an antidote to this crisis of the family and partly as an alternative to the impersonal services offered in sprawling urban hospitals. Drawing its inspiration from the old time family doctor intimately involved with the primary care of extended rural families, family medicine deals with the patient, not as an isolated individual, but as someone whose familial relations must be considered during treatment. This approach represents a departure from previous thinking. As Allan Memorial Institute Director of Nursing Alena Valdstun, BN'65, told the nurses and students gathered for this daylong seminar in Montreal's Queen Elizabeth Hotel, there has been "a big change from protecting people from their horrible families to trying to include them in the cure." This new emphasis on the family in health care has stimulated a wealth of research.

Queen's University Associate Professor of Nursing, Sharon Burke, spoke about her studies into the effects of familial interaction on child development and suggested nursing interventions that might help reduce family stress. Presenting data on the treatment of immigrant families, University of Toronto Associate Professor of Nursing May Yoshida urged that the immigrant's own health practices and beliefs be explored rather than dismissed.

In the concluding paper, recently retired executive director of the Canadian Nurses' Association, Helen Mussallem, BN'47, said that today's nurses are in an excellent position to shape the future of family health care and urged them to fulfill their largely untapped potential. "Only 7.2 per cent of our nurses work in the community," she pointed out, "and this has not changed since 1932. The bulk of Canadian nurses are still found in the hospitals tending to 5 per cent of the population and 3 per cent of all illness." Mussallem feels that there is a great future for nurses in family health work, especially in the areas of midwifery and primary care. "Your greatest impact," she told them, "can be made not in the hospitals, but in the community."

A final seminar in this Nursing Explorations Series will be held in late May, 1981. Charlotte Hussey □

McGill

School of Nursing

Professional Career Opportunities: Arts and Science Graduates

A three year graduate program leading to a Master of Science (Applied) is offered to arts and science graduates with an interest in the health care system. This program, tailored to the individual student's background is designed to prepare nurses for innovative practise in family health care, research, teaching and administration.

For information, write:
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Master's Program
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H3A 2A7

Bookshelf

The following are capsule summaries of books by McGill faculty members and alumni:

Mona Elaine Adilman—*Piece Work* , Ottawa: Borealis Press, 1980. People, the deteriorating ecological environment, and love are the central themes of this third collection of poetry by Montrealer Mona Elaine Adilman, BA'45. In the foreword to this book, Irving Layton, BSc(Agr)'39, MA'46, writes: "There's both fire and fight in Ms. Adilman's poems,...(and) there are many...I'd like to red-star for third and fourth and fifth readings whether for their irony and wit, their rage or intelligence."

J.C. Arnell with K.S. Mackenzie—*Atlantic Mails: A History of the Mail Service Between Great Britain and Canada to 1889*, Ottawa: National Postal Museum, 1980. J.C. Arnell, PhD'42, has uncovered new information pertaining to transatlantic mail service between Great Britain and Canada. This study describes the service provided by companies such as Cunard steamships and the Allan Line and includes details of postal routes that are valuable in determining the impact of the mail service on transportation development.

James Ashwin—*Josh: The Walls Come Tumbling Down!*, Cap-de-la-Madeleine, Quebec: Publications Chrétiennes, 1980. In a series of cartoons James Ashwin, PhD'53, follows a disabled person, Josh, from childhood through his adult life depicting many of the problems faced by the handicapped. The book also supplies information on the human rights code and how to assist people with disabilities.

Robert G. Cooper—*Project Newprod: What Makes a New Product a Winner?*, Montreal: Quebec Industrial Innovation Centre, 1980. Here, Robert G. Cooper, an associate professor in McGill's Faculty of Management, studies some two-hundred new product ventures undertaken in Canada. By identifying and ranking key variables, he indicates the elements that distinguish successful new products from unsuccessful ones.

Mariann Jelinek—*Institutionalizing Innovation: A Study of Organizational Learning Systems*, New York: Praeger Publishers, 1979. In this book, Mariann Jelinek, an associate professor in McGill's Faculty of Management, examines how organizations set up systems for adopting innovation. The study combines historical background with an investigation into one particular corporation, Texas Instruments.

Rabindra N. Kanungo—*Biculturalism and Management*, Scarborough, Ont.: Butterworths, 1980. In researching the psychological profiles of anglophone and francophone employees in certain Canadian organizations, Rabindra N. Kanungo, PhD'62, a professor in the Faculty of Management has formulated some recommendations for the management of diverse cultural groups.

Edgar Lion—*A Practical Guide to Building Construction*, Englewood Cliffs, N.J.: Prentice-Hall, Inc., 1980. Edgar Lion, BEng'45, has prepared this reference tool for both experts and laymen who need information about new developments in the construction industry. It includes explanations of basic materials, construction methods, equipment, and contracting practices.

Rod D. Margo—*Aviation Insurance: The Law and Practice of Aviation Insurance Including Hovercraft and Satellite Insurance*. London: Butterworth & Co. Ltd., 1980. In light of the rapid growth of aviation in recent decades Rod D. Margo, DCL'79, analyzes aviation insurance and aviation insurance markets. Although focussing on English law, he studies aviation legislation in other countries, with special emphasis on the United States. □

Plan now for reunion '81

All welcome, especially graduates of years ending in 1 or 6

McGill Reunion — September 17-20, 1981
Macdonald Reunion — October 3, 1981

THESE CLASSES ARE ALREADY PLANNING GET-TOGETHERS FOR REUNION '81:

REUNION YEARS

Faculty & Year	Chairperson
Agriculture & Food Science '76	Rick Walter
Civil Engineering '76 & '77	Tom Hewitt
Mechanical Engineering '76	Pasquale Di Pierro
Metallurgical Engineering '76	Ron Webber
Dentistry '71	Robin Vincelli
Mechanical Engineering '71	Tim Braddock and Grant Brown
Law'71	Stephanie Retty
Library Science '71	Kendall Wallis
Engineering '66	Paul Stanfield
Law '66	Paul Marchand
Engineering '61	Nat Agensky and Juris Svistunenko
Law '61	Michael Dennis
Medicine '61	Peter Howland
Agriculture & Home Economics '56	D. Grant Ross
Dentistry '56	Frank Shamy
Medicine '56	Bill Cooke
Dip. O/T '56 and Dip. P/T '56	Mary (Cliff) Ross
Science '56	Donald Murphy
Agriculture & Home Economics '51	Bill Ritchie
Architecture '51	Roy Emile LeMoyne
Engineering '51	Brian Emo
Law '51	Rosa Gualtieri
Medicine '51	Hugh Brodie
Commerce '46	Rosalind (Adeles) Torontour
Commerce '41	Bernard Finestone
Dentistry '41	Eugene Dorion
Medicine '41	H.J. Scott
RVC'41	Winnifred (Fairhead) Jones
Engineering '36	Robert Nixon
Medicine '36	Mabel Howie
RVC '36	Dorothy (Walker) McMurtry
Architecture '31	J. Campbell Merrett
Engineering '31	Palmer Savage
RVC'31	O. Mary Hill
Engineering '26	Ernest Jubien

NON-REUNION YEARS

Dentistry '53	Martin Eidinger

What about YOUR class? If this is a reunion year for your class, maybe you would like to organize a get-together for your classmates—or possibly you know of a classmate who might be interested. If so, please contact Janet Smith (514-392-4815) at Martlet House, 3605 Mountain Street, Montreal, Quebec H3G 2M1.

Newsbreak

David Culver, BSc'47, **Rowland Frazee,** and **Charles Perrault,** BEng'43, MEng'46, were elected as members-at-large and **Gerry Fitzpatrick,** BSc'44, as Graduates' Society representative on McGill's Board of Governors for five years starting January 1981.

On June 1, 1981, **Samuel O. Freedman,** BSc'49, MD'53, DipMed'58, dean of the Faculty of Medicine, will assume the post of vice-principal (academic). Also taking on new duties in June, Professor of History **Michael Maxwell,** DipAgr'54, MA'61, PhD'66, will replace **Robert Vogel,** MA'54,

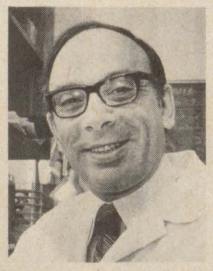
David Culver



PhD'59, as dean of Arts. Vice-Principal (Planning) **Dr. Edward J. Stansbury** and Dean of Music, **Professor Paul Pedersen** have each been reappointed for another five-year term.

While a reshuffled administration prepares for a fresh start, students have embarked on some new departures. One of their most ambitious initiatives produced the three-day **McGill Student Conference on Energy** in February. Among the dignitaries in attendance were Canada's **Governor General Edward Schreyer,** Energy Minister **Marc**

Dr. Samuel O. Freedman



Lalonde, External Affairs Minister **Mark MacGuigan,** and **Enrique Iglesias,** secretary general of the United Nations Conference on New and Renewable Resources of Energy. This assembly of energy experts discussed Canada's international role as an energy-rich nation, jurisdiction over resources, alternative energy sources, and the impact of new technology. (Interested graduates may write to the Students' Society of McGill University for copies of the proceedings.)

Prior to the energy conference, students of the **Management Undergraduate Society**



Governor General Edward Schreyer

staged the **Management Achievement Awards Luncheon** to honour four prominent Montreal business leaders for their contribution to the business community. The six hundred people attending the Château Champlain luncheon watched President of la Banque Nationale du Canada **Michel Bélanger,** President of Alcan Aluminum **David Culver,** Chief Executive Officer of Bell Canada **Jean de Grandpré** QC, BCL'43, and President of Foster Advertising **Denis Jotcham** receive their awards.

Other enterprising students are collaborating on three fledgling McGill journals that made their debuts last year. ***The Register*** is published by the History Students' Association; ***Scrivener,*** a creative writing magazine, is circulating under the auspices of the Department of English Students' Association; and ***The Fifth Column*** is put out by the Architectural Undergraduate Society.

Frank R. Scott, BCL'27, LLD'67, was honoured during two days of lectures organized by Simon Fraser University, Burnaby, British Columbia, in February. **Dr. John Brierley,** BCL'59, **Dr. Louis Dudek,** BA'39, **Gerald Le Dain,** BCL'49, **David Lewis,** BA'31, and **Michael Oliver,** BA'48, MA'50, PhD'56, LLD'72, were among the many distinguished scholars and public figures who attended to discuss such things as Scott's role in the development of the C.C.F, his influence on modern constitutional

Frank R. Scott



thought, and his work as a poet and author.

The **Department of the History of Medicine** reports that it has changed its name to the **Department of Humanities and Social Studies in Medicine.** This new appellation reflects the department's increased involvement with disciplines other than history—sociology, anthropology, philosophy, law, and religion.

The **McGill Redmen basketball team,** which placed second in the Quebec University Athletic Association (QUAA) league, missed its shot at the championship in a close game with the Patriotes de Trois Rivières. The **Martlets,** ranked among the top ten women's basketball teams in Canada, finished third in the QUAA league this season. The **McGill Redmen hockey team** didn't win a play-off spot, but their season's record of five wins, four ties, and fifteen losses shows a great improvement over last year.

Alison Nesmith □

DOCTEUR WILDER PENFIELD

They may have named a street for him
By the vote of a majority
Of Councilmen long after midnight,
Or on a harsh February morning
Before torrents of water
Descending from the mountain
Sluiced the curbs and gutters
Of Simpson, Crescent or McTavish.

Some on the committee
May have been influenced by the notion
That streets of a city
Resemble a network of neurons,
With parks or squares synapses
Between the routes of nerves,
The metropolitan map as a whole
An entire neurological system.

Their final decision, tending to plunge
McGregor into obscurity,
Was also, in its way, neurological,
The atmosphere of the Councilroom
Being charged with nervous energy
As they redesignated one segment
Of a metropolitan whole
Docteur Wilder Penfield.

David Lawson □

Four greystone townhouse facades and Strathcona Hall's inclusion in this new complex, Place Mercantile, will recall, if not recreate, the urbane elegance of Victorian Montreal.



Making space for the past

by *Valerie Lavoie-Simpkins*

One by one, each stone from the Victorian townhouses opposite the lower campus between McGill College and Victoria Avenue has been removed. Numbered and stored, they will be reused in an elegant front for soon-to-be-built Place Mercantile. Although such an incorporation of historic facades into a modern structure is not a new idea, it is to Montreal, and with perseverance and ingenuity, Sam Kingdon of McGill University and Phil O'Brien of Devencore Realties have made it work.

From the beginning, Kingdon and O'Brien shared a mutual concern—the future of six buildings across from the Roddick Gates. With the university in possession of more space than provincial norms allowed, Kingdon, McGill's director of physical resources, was looking for a suitable long-term leaseholder or buyer for the 762 Sherbrooke West greystone and Strathcona Hall, the two university-owned buildings of the group. He didn't have to look for long.

Enterprising Devencore president Phil O'Brien had already decided this prime, city core location was ripe for development. In January 1977, he approached the owners of each building on the block for the right to promote his plan, but it took three years before he could exercise the option to buy. He needed to design the project and find investors, which in a sagging Quebec economy proved difficult. But everything finally came together in what he describes as a frantic eleventh-hour effort. "My options were expiring and I had two days to go...I needed $10 million of equity to get the project going," he recalls. On the last day, with just ten minutes to spare, O'Brien arrived at the designated office having signed an agreement with the principal investor.

After detailed negotiations, McGill and Devencore finalized an agreement of purchase in November 1980. Four conditions of sale were clearly established. Even though the run-down greystones could not be renovated, the first condition ensured that their facades would be repaired and retained. In addition, Strathcona Hall would be preserved, with its size and shape unaltered, while a reasonable period of time would be given the university to vacate the Hall.

Owning the Hall and one greystone, McGill was in a strong position to procure what Kingdon regards as the most important condition of sale—that the university maintain a measure of control over the project to insure that Place Mercantile will be erected as specified at the time of sale. "Someone can't come in there ten years from now and decide that they are going to add ten stories to the office tower without the approval of the university," Kingdon explains. Although it was essential that McGill exercise all possible control over the block facing the lower campus, such long-term agreements are unusual. "Both Devencore and the Mercantile Bank are to be congratulated for their spirit and desire to produce a worthwhile project," Kingdon adds.

What, as outlined at the time of sale, are the plans for Place Mercantile? O'Brien explains: "We will preserve the Victorian charm of Sherbrooke Street, but at the same time turn very inefficient little Victorian buildings into private entrances to full floors within the tower." By creating these unique entryways, corporations will each have a private Sherbrooke Street address serving as a ground floor reception area with kitchen, boardroom, company dining room, and a private elevator. Ornately-carved oak and mahogany woodwork carefully removed from the greystones will also be "reintroduced" in the reception areas.

The hypotenuse of the irregular triangular-shaped tower of aluminum and reflective glass will face the northwest. To maximize exposure to the view of McGill campus and Mount Royal, structural columns from the external wall will be set back allowing for twenty-two corner offices per floor. Joining the twenty-four story tower with Strathcona Hall and the townhouse entries, an indoor wintergarden rising sixty feet to its glass roof will provide a year-round green space where people can relax in cafés and meander off on pedestrian pathways.

Creating this human dimension is important, says the project's architect Stan Kapuscinski of David, Boulva, Cleve. "One should create an atmosphere in the downtown area with a human scale to it. I'm against the old concept that evolved from the influence of such great architects as Mies van der Rohe, who in the States had beautifully simple boxes of forty or fifty stories high coming straight down to the ground...They were loved by most architects," he says, "and despised by every non-architect because they are cold, prohibitive, and inhuman." In a glass and aluminum building such as Place Mercantile, clear glass should be installed at street-level. "The reflective glass used to conserve energy in the tower," Kapuscinski says, "should not be used at ground level, where maximum visual penetration is desirable."

It is hoped, as well, that the townhouse facades will provide passers-by with a warm reception. The architects also plan to use a greystone motif elsewhere in the complex. But combining it with the megastructure presents a major challenge that will complicate the tower's design.

Problems aside, Kapuscinski says that Place Mercantile will look "grand," because of certain aspects of the megastructure's design. Setting the facades back about fifteen feet will allow space for trees to grow directly in front of the greystones, extending the McGill campus greenery across Sherbrooke to the complex. In addition, the tower will be set back another fifty feet to prevent it from overpowering the street with its mass.

Executive Director of Heritage Montreal Mark London, nevertheless, is cautious in extolling the virtues of Place Mercantile. Although pleased that preservation of Montreal's heritage is being considered in projects such as this, London feels that more could be done. "Montreal is ten or fifteen years behind the times in preservation issues and in building design," he explains, attributing this partly to the fact that the abundance of its heritage architecture has been taken for granted. "I would go further," adds O'Brien. "Our architectural heritage has been simply ignored."

London says that the incorporation of the facades into the Place Mercantile complex is an example of "first phase preservation," where a vestigial structure or some authentic fixtures or both are retained. In his opinion, that's not enough. It would have been better to preserve the greystones completely. But regrettably, as London admits, the nineteenth century buildings fell into disrepair, and rebuilding them would have been practically impossible.

As first phase preservation, the townhouse entries and Strathcona Hall's inclusion in the Place Mercantile complex will recall, if not recreate, the rich history of what was once an elegant Victorian residential quarter. Fine examples of Second Empire architecture, the greystones were built around 1870. Famous for mansard roofs and dormer windows, this baroque inspired style expressed the spirit of Baron Georges Haussmann who at that time was sculpting the grand boulevards of Paris. These particular houses, thought to have been designed by Montreal architect Henri-Maurice Perrault, were remarkably similar to those on the Parisian rue de Rivoli.

McGill's greystone was purchased in 1966 and accommodated the math department until the completion of Burnside Hall. It then housed the Labour College and later the Placement Service, until, in the spring of 1980, it became available for rent or sale. Financed, in part, by Lord Strathcona, the somewhat less illustrious Strathcona Hall was built in 1904 to house the Young Men's Christian Association and later a federal army recruiting centre. Since 1968 when the government sold it to McGill, the Hall has been home to various university departments. And now, with the demolition of its four Victorian companions, it presides alone over work crews, mud, cranes, and clutter waiting to grace the futuristic megastructure of Place Mercantile with its Edwardian composure.□

Pierre-Louis Mongeau

ANNUAL GENERAL MEETING

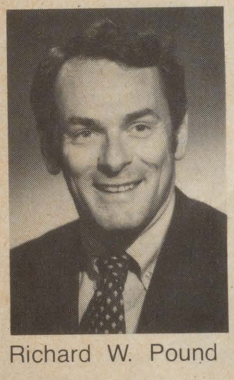
Notice is hereby given of the Annual General Meeting of the Graduates' Society of McGill University.
Thursday, September 17, 1981
5:30 p.m.
Oval Room
Ritz-Carlton Hotel

The Meeting is called for the purpose of receiving reports, presenting awards, electing and installing officers, appointing auditors, and other business.
Martha McKenna—Honorary Secretary

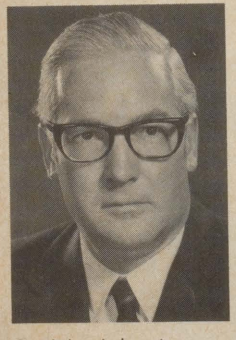
GRADUATES' SOCIETY NOMINATIONS


R.F. Patrick Cronin

For Graduate Governor
on McGill's Board of Governors
Term-Five Years
R.F. Patrick Cronin, M.D. '53, G.Dip.Med.'60, M.Sc.'60, Former Dean, Professor, McGill Faculty of Medicine. Senior Physician, Montreal General Hospital. Former President, McGill Graduates' Society.


Richard W. Pound

For President
Term-One Year
Richard W. Pound, B. Com.'62, B.C.L.'67, Trustee, Martlet Foundation. Former Vice-President, McGill Graduates' Society. Former Reunion Chairman, McGill Graduates' Society. President, Canadian Olympic Association. Lawyer, Stikeman, Elliott, Tamaki, Mercier and Robb, Advocates.


Carlyle Johnston

For Vice-President
Term-One Year
Carlyle Johnston, B.A.'50, B.C.L.'53, Former Chairman, McGill Alma Mater Fund. Second Vice-President, McGill Graduates' Society. Lawyer, Lavery, O'Brien et al, Advocates.

Article XIII of the Society's bylaws provides for nominations by the Nominating Committee to fill vacancies on the Board of Directors and the university's Board of Governors. Additional nominations for any office received before July 31, 1981, and signed by at least twenty-five members in good standing, will be placed on a ballot and a postal election held. If, however, the Nominating Committee's selections are acceptable to graduates, those named will take office at the Annual General Meeting.

For Vice-President Alumnae
Term-Two Years
Kyra Emo Davis, B.Sc.'53

For Secretary
Term-One Year
Martha McKenna, B.Sc.'49

For Treasurer
Term-One Year
Edward Cleather, B.A.'51

For Members of the Board of Directors
Term-Two Years
Margaret Davidson, B.Com.'52, Andrew Fleming, B.C.L.'74, Arlene Gaunt, B.Sc.'53, Jack Gelineau, B.Com.'49, David McEntyre, B.Com.'67

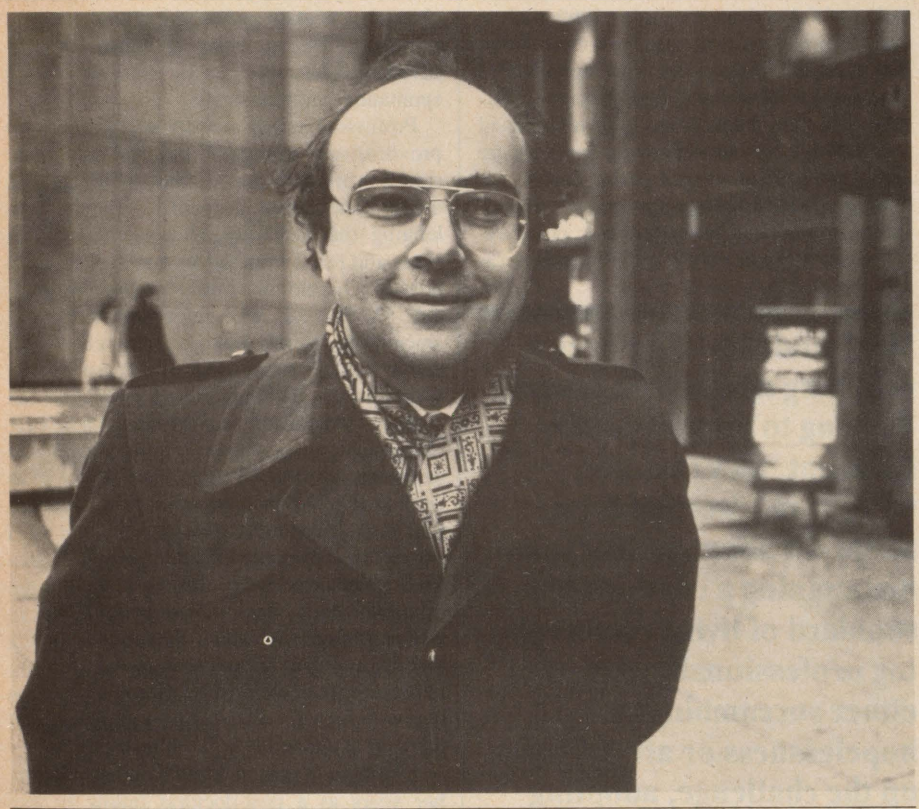
For Regional Vice-Presidents
Term-One Year

Atlantic Provices
John William Ritchie, B.Sc. (Agr) '51
Quebec (excluding Montreal)
David Ellis, B.Eng. '56
Ottawa Valley & Northern Ontario
JoAnne S.T. Cohen Sulzenko, B.A. '68
Central Ontario
R. James McCoubrey, B. Com. '66
Prairie Provinces
Norman Brown, B.Sc.'48, M.Sc.'52
British Columbia
A. Boak Alexander, B.Arch.'62
Great Britain
Barry J. Moughton, M.C.L.'58
New England States
Alex Savran, D.D.S.'64
U.S.A. East
Richard M. Hart, PHD'70, M.B.A.'73
U.S.A. Central
Albert Rabinovitch, B.Sc.'66, M.Sc.'69
U.S.A. West
Norman D. Morrison, M.D.'34
Caribbean
George L. Bovell, B.Sc. (Agr.)'45
Bermuda
John D. Stubbs, M.D. '56

Edward Hillel

A requiem for the sixties

by *Julius Grey*



Edward Hillel

Associate Professor of Law Julius Grey, BA'70, BCL'71, MA'73, reminisces about the McGill he attended during the late sixties. Although he served as Students' Society president in 1969-70, at the turbulent climax of student politicalization, he aligned himself with neither the "hippies" nor the "hard-line activists." Nevertheless, in the article that follows, he expresses sympathy for both groups, whose freedom-loving spirit greatly enlivened his student days.

In 1964 and 1965, my last years of high school, I enrolled in harmony courses at the old McGill Conservatorium of Music. This brought me to the McGill campus on many evenings. What I saw there brought on day-dreams and eager anticipation.

The campus was full of slightly older, well-dressed people, and I especially noticed the slightly older, elegantly mysterious women. Through the windows of some lit rooms, one could see many books. For a high school student, all this held out a promise of sophistication, savoir-faire, and knowledge to come. The McGill in which I enrolled in September 1965 disappointed those expectations, but it turned out to be an even more exhilarating place than I had expected.

I arrived in the first truly political year, when the debates about Quebec and Vietnam, which were to dominate my student days, were beginning. Suddenly, as if on cue, the elegance gave way to an intentional sloppiness, the elusiveness to strident political demands.

The new ideology was one I shared. I had fancied myself quite the leftist in high school, and even in my moderate years after 1968, I still subscribed to much of the pacifism, egalitarianism, and social democracy that marked the early days of the student movement. I certainly approved of the decline of snobbishness and fraternities, and of the collapse of ethnic and social barriers. Yet a part of me missed something of the old world I had glimpsed.

In 1965-67 the student "movement" had not yet split into the hippies and the hard-line activists. The spread of drugs, the so-called sexual revolution, a political consciousness, and attacks on the "liberal university" were lumped into one bag, both by ardent proponents and sworn enemies. It was therefore a perplexing period for those who wanted some, but not all of these new changes. When I entered student politics in 1967, the two trends were splitting apart—but that left people like myself even more puzzled.

On the one hand were the hippies with their communes smelling of marijuana, their ill-defined "families," their strange dress, peculiar jargon, and hopeless quest for a freedom they did not understand. On the other hand were the "politicians"—disciplined, well-organized, and incredibly fanatical about their views on highly controversial subjects. Where was one to go?

No one could deny that, despite the loss of elegance, there was a certain beauty about the period. I remember vividly a "folk-festival" on campus in 1969—the women wore long, gypsy-like dresses, while the men in unusually bright colours were singing, dancing, and laughing. One could also admire at times the ardour and concern of the more honest of the "politicians." Clearly, however, most McGill students in the late 1960s could join neither movement.

I was one of those who attempted to conserve many aspects of the student movement, without adopting either radical stance. It was my good fortune to become Students' Council president at the height of the controversy. Even today, I feel excited at the thought of the campaign and the debates we fought at that time. Every day brought forth a new crisis—McGill français, a lesser demonstration, a sit-in, or new set of demands. As time went on, the political demands became more and more preposterous; the educational demands, such as the abolition of all grades and exams, also got out of hand. The "politicians" had degenerated into a group of unreasonable agitators. Yet the period remained exciting, indeed exhilarating to the participants.

Then, *almost* suddenly, the "movements" died. People ceased taking them seriously, and the growing shortage of jobs persuaded most students to spend more time on their own lives and less on everyone else's. For many of the hippies and radicals, it was too late to turn back. They were too used to drugs, to an unconventional personal life. One still sees them occasionally—sad relics of bygone times. Others adapted very well and now play leading roles in government, business, academia, and the media. No one succeeded in keeping alive the spirit of those turbulent days. We all have learned that periods pass, and that it is folly to try to keep them going after their end.

What can be said now of the achievements of the late 1960s? I think that, on the whole, the moderates succeeded in creating a middle way. The egalitarianism, the ending of much social hypocrisy, the acceptance of a student role in university government—all of these proved irreversible. But there was clearly no justification for radical political solutions for Canada, and these were discarded. Nor was this such a rotten society that dropping out—the hippy solution—could gain acceptance. On the contrary, certain standards of beauty and conduct inevitably returned. As I walk across campus today, I see around me much of the freedom of the sixties, but also at least some of the mystery and elegance that I always half-regretted was missing in my own exciting student days.□

The serious generation

A look at McGill students today
by *Alison Nesmith*

In the Samuel Bronfman Building student lounge, it was both late in the day and the term. With pre-exam pressures building up amid piles of paper, electronic calculators, and empty styrofoam coffee cups, three fatigued MBA students were asked why they had enrolled in the programme. One said the degree was "just a piece of paper that gets you promoted faster." Another explained that an MBA would enable them "to get ahead of all the other graduates with a BSc or Arts degree." This point of view, common at McGill today, betrays a new pragmatism and cynical competitiveness that an earlier generation of students would have found distasteful.

Rather than compete with each other academically, many students in the late sixties demanded that grading be abolished. Concerned more with their ideals than the practical aspects of obtaining a degree, they devoted days of class time to sit-ins and confrontations over such issues as student representation on academic governing bodies or the Vietnam War. For a short while, rebellion became a way of life, yet these flower children knew their futures were reasonably secure. That security crumbled during the seventies.

Faced with the stark reality of Canada's unemployment rate, which climbed from 4.7 per cent in 1969 to 7.5 per cent by the end of the seventies, students turned in their placards and protest buttons and began exchanging stories about cab drivers with PhD's. As competition for employment intensified and the number of university graduates increased, the relative earning power of a university degree declined. To make matters worse, shrinking post-baby-boom enrolments undercut the availability of positions in the teaching profession, which had once employed a significant proportion of university graduates. In 1969, educational institutions hired an estimated 30,000 college and university grads, but by 1976 they took on barely 10,000. Although university degree holders still had a better chance of getting jobs than did other Canadians, a lot depended upon their academic specialty. For example, one study of 1975 Ontario degree-holders indicated that humanities, social science, fine arts, and language graduates had a higher unemployment rate than other Canadians in the fifteen to twenty-four age group.

Such were the economic pressures that brought an end to the idealism of the sixties. Katalina Bartok, BSc'69, MD'80, who has been both student and teacher during the past decade and a half, remembers herself in the late sixties as an undergraduate with dreams and youthful aspirations. At her 1969 graduation from McGill, she wasn't worried about her economic future: "I was applying to graduate school at places like Princeton, Harvard, and Yale. I was going to do all kinds of wonderful things and discover how to cure cancer. It never occurred to me that I was doing graduate training to prepare for a job." In 1969, she lived in the present, doing research for its own sake with little consideration for a future career.

Most students today aren't rebelling against the system. Wishing to join the establishment, they fear that there's no place for them. Skeptical about getting jobs, maintaining a comfortable standard of living and evolving professionally, they are either succumbing to a hopelessness or are taking up the challenge, adopting practical measures for obtaining precise goals.

On the other hand, Judy Bartok, Katalina's younger sister, knew by the time she was sixteen that she wanted to be a doctor. Now in her second year of McGill's demanding premed programme, she finds there's little time to dream. "I've had to adjust to one focus and concentrate on it," she says. "I have to learn it or else. Sometimes I feel overwhelmed, like I've had to grow up quickly." Confident, friendly, and old beyond her twenty years, Judy says she chose to enroll in medicine directly from CEGEP because she "wanted to get out of school as soon as possible and start working." Unlike her sister at the same age, she has adopted practical measures for obtaining precise goals.

Judy and Katalina attribute their divergent views to their differing personalities. But their dissimilar approaches to university education also demonstrate the most striking change in McGill students over the past decade. Aware of the competitiveness of today's labour market, students of the eighties tend to view education less as something to be done for its own sake and more as a steppingstone to employment. Enrolment figures reveal this trend. The Faculty of Management has more than doubled in size over the past ten years. As Dean of Graduate Studies and Research Gordon Maclachlan reported to a federal task force on employment in February, graduate students are attracted to the professions, and applications to Medicine, Dentistry, and Law have been exceptionally high. In the Faculty of Arts enrolment has risen over the past decade, but even here students are increasingly drawn towards practical degrees. In the French department, for instance, they might choose translation and teaching methods over literature. This growing careerism has sobered students, often at the expense of their spontaneity and curiosity.

Professors, many of them nostalgic for the provocatively energetic classrooms of the sixties, complain that students have become overly serious and competitive. Rarely challenging the instructor, they scribble down notes and retire from the lecture as quickly as possible. Economics Professor Jack Weldon, BA' 47, PhD'52, who has taught at McGill since 1949, thinks that certain accidents of history—such as the returning World War II veterans and the outburst of protest in the sixties—temporarily altered the student's relationship to the university. But during the seventies, he says, McGill resumed its role as an extension of the high school. He believes that it is mainly the technical aspects of a course that interest today's students, who show little concern for anything beyond the essential facts. "You can always get a class to be enraptured," he says, "if you're giving a Euclidean proof, but if you raise the question of the western separatist movement, a certain blank lassitude will immediately spread through the room."

Likewise, Katalina Bartok observes from her years as a post-doctoral fellow in the biochemistry department, "I think in the sciences everybody gets depressed with the fact that all they're doing is conducting a pre-med competition for two years. It's difficult when you're teaching a subject you're interested in, and everyone has only one thought uppermost in their minds—to get a mark in the course."

While some students are plotting careers, others are still dubious about their future prospects. Relaxing over coffee in the Arts Building after their last exam of the fall term, two students, Irene Puchalski and Laura Rizzi claimed to be studying at McGill for their own intellectual satisfaction. But when one added, "We're here to broaden our horizons," they laughed uneasily, revealing that they were worried about their own employability. While Puchalski has chosen to pursue a "practical" second degree, Rizzi doesn't know what she'll do. Aside from a summer job, Rizzi, like many McGill students, has not as yet competed on the job market and finds the hard luck stories of graduates disturbing. As she explains: "You are affected by what you've heard 'cause you haven't tried anything yet."

Emy Benjamin, BA'71, MEd'77, works in McGill's Counselling Service, dealing with the problems faced by today's student. During her years as a student and teaching assis-

Continued



Barbara Rudicka



tant, and now as a counsellor, she has noticed a fundamental change of outlook: "Most students today aren't very angry at the system. They really long to become part of the establishment, and for one reason or another feel there isn't a place for them. The average student today is really skeptical about whether he or she will get a job, maintain a standard of living, and evolve professionally. Students in the sixties had no doubts about that. I don't see that students today think there's an awful lot of hope on the horizon for reaching the traditional goals."

Benjamin makes other surprising observations. The counselling centre has seen a 30 per cent increase in the number of clients over the past year. Although students seem doubtful about future employment, the demand for vocational counselling has not risen significantly. Benjamin reports that, on the whole, students don't attend job skill seminars or career exploration sessions. "My own perception is that most of our clients are not highly motivated," Benjamin says. "They come here with the feeling that by and large the situation is hopeless. Students feel they have no control over that aspect of their destiny at all."



Gerald Belber

Even more distressing, psychologists have noticed that more students are "barely able to cope" with personal problems. This, along with the popularity of Woody Allen movies on campus, may merely indicate that it's no longer a stigma for students to seek out psychological counselling. But Benjamin feels the problem also stems from the economic and social pressures that are straining families and other traditional relationships.

The outlook, however, is not totally bleak. In spite of increased economic and personal problems, many McGill students participate actively in campus life. In fact, student interest groups have undergone a renaissance in the past two years. This awakening may have happened because, as Benjamin says, today's student feels the need to belong to something—a club, athletic organization, or political group. For the career-minded, as well, extracurricular activities make for a well-rounded job applicant and impressive resumé. Whatever its origins, campus optimists have observed the trend and hope it will last long enough to lift McGill permanently out of the seventies slump.

In the aftermath of the sixties, McGill students succumbed to mass indifference. They made minimal use of their newly won voice on governing bodies, and their lack of interest closed many campus clubs and organizations. But, in the last few years, student activity has picked up. A look at the recent history of the Students' Society itself, tells the story.

In 1975 the problem-plagued Society executive resigned, and in a move that would have been unheard of five years earlier, the University's administration took over. In 1977, after major reorganization, students elected a new executive to direct the Society. Now a $2,379,700 venture, the Society is so successful with its pub, cafeterias, vending machines, and newsstand that it has been criticized for putting too much emphasis on commercial enterprises. In response, Students' Council President Todd Ducharme points out that revenues allow for improved services and provide monetary support for all organizations associated with the Students' Society. Furthermore, he maintains that today's students desire better services and want their society to be more than a political voice.

Student Society Programme Director Earle Taylor, BSc'74, keeps tabs on this proliferation of student organizations. While there were about forty interest groups supported by Society funds in 1977, Taylor counted sixty last year and sixty-seven at the close of 1980. Having discarded its mid-seventies image as a hang-out for dope dealers and freaks, the now bustling Union serves twice as many meals as it did years ago, and traffic through the building has increased by more than 150 per cent.

Fraternities and sororities, once ridiculed by campus politicos, are back in vogue—there have been five fraternity revivals in the past four years. Also, students now support events like Welcome Week and Carnival that had been taken over by Student Services in more apathetic times. Some students even believe that McGill is undergoing a political awakening, although today's campus activist is a far cry from his sixties counterpart.

The South African Committee (SAC), which originated from two years of Students' Council discussion concerning university divestment from South Africa, is one of the most successful of McGill's new political organizations. Since its formal establishment last year, the SAC has been urging the university to divest its South African interests. Gathering student support through meetings, lectures and information booths, they have focussed their efforts on the Board of Governors. Headed by third-year political science student Barbara Jenkins, the committee's core of twenty-five members has obtained three thousand signatures on a petition and led a demonstration—three hundred strong—outside a Board of Governors' meeting.

Members of the SAC are a new breed of activist. Jenkins herself is hard-working and committed to the cause, but readily admits that studies are her first priority. She also claims to have good rapport with the university's administration and has been called a diplomat by her peers in Students' Council. She describes SAC politics as "goal oriented" and feels that it and similar groups on campus are more effective than the mass student protests of the late sixties in which, she says, the issues "were very general."

In recent years McGill's politically active students have increasingly cooperated with students in francophone universities and, on campus in general, there is a heightened awareness of the French-speaking community. Francophone enrolment at McGill has risen from 10 to 20 per cent in the last decade, and since 1977 the *McGill Daily* has published a weekly French edition. The student union building houses the Regroupement des Associations Etudiantes Universitaires—a new coalition of Quebec university students' associations, in which McGill plays a principal role. In a further effort to unite the two solitudes, last fall, McGill Students' Council endorsed a march on the Université de Montréal where students led by Guy Heroux were embroiled in a controversy over escalating residence fees. McGill participated in the demonstration, and although compared to the other five-thousand protesters, its numbers were meagre, the following day the *Daily* proudly proclaimed, "McGill sont là!"

Obviously, many McGill students view university as more than just a career credential. With an enthusiastic sense of purpose, they are reviving fraternities, forming new clubs, and voicing their political conscience. Students of the eighties, nevertheless, have a very serious side. In this regard they resemble all Canadians—people subdued by economic and political uncertainty and unsettled by the disintegration of family and personal relationships. In comparison to students of the relatively affluent sixties, who dared do their own thing and pursue their often hazy visions of utopia, students today are cautious. As Katalina Bartok said, "Students in '68 or so, had dreams. The ones today have plans." □

Directory of Graduates' Society Branches

January 5, 1981

THE GRADUATES' SOCIETY OF MCGILL UNIVERSITY, MONTREAL.
President, 1980-81
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3901 Jean Talon West,
Room 114,
Montreal, Que. H3R 2G5.

Macdonald Branch
President
A. Larry Johnston, BSc.Agr. '72
13 Robillard,
Notre Dame,
Ile Perrot, Que. J7V 6S5.

Alumnae Society
President
Mrs. Kyra Davis, BSc'53
508 Lansdowne Avenue
Montreal, Que. H3Y 2V2.

McGill Society of Montreal
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Nesbitt Thomson & Co. Ltd.,
355 St. James Street,
Montreal, Que. H2Y 1P1.

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Peter Habib, BCL'70
Campbell, Pepper Advcts,
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Montreal, Que. H3B 2B3.

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Victoria
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Dr. P. N. Neroutsos, DDS'60
412 Yarrow Building,
645 Fort Street,
Victoria, B.C. V8W 1G2.

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Upper St. Lawrence
President
Dr. D. Paul Harris, BA'52, MD'57
Beechgrove Regional Children's Centre,
P.O. Box 7777,
Kingston, Ont. K7L 5H1.

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2730 Buckingham Street,
Windsor, Ont. N8T 2C2.

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2792 de L'Anse,
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Chemistry Dept.,
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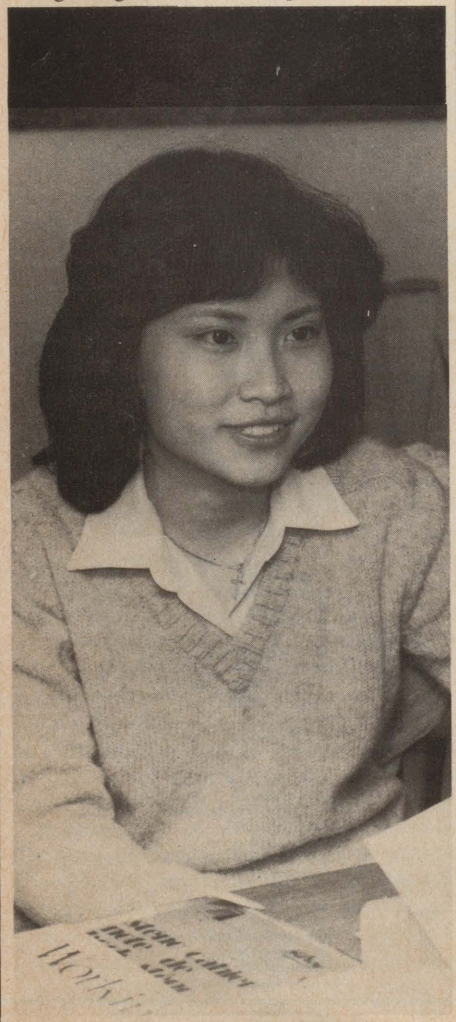
Seven students in the eighties

by *Charlotte Hussey*

In January 1971, prompted by the need to explain "the youth rebellion" of the early seventies, the McGill News provided concerned alumni with an in depth look at McGill students. Today, a decade later, our staff felt it was again time to interview students, not because of their provocative rebelliousness, but because of their unobtrusive silence. The silence, in fact, belies what we found—an energetic, opinionated, articulate group, primarily dedicated to their studies. From many, we picked the following students to represent a cross-section of disciplines, backgrounds, and age groups. Few generalizations can be made about their divergent points of view except to say that they reflect the rich cosmopolitanism of the urban university.

Angela Chan

When Management student Angela Chan left Hong Kong at seventeen to pursue her post-secondary schooling abroad, her parents were worried. Her father was especially concerned because he had no relatives in Canada to look after her. Even now, after being here for two years, Chan says: "I still have to write them every week, and they always write back telling me to work harder."



Photos by Harold Rosenberg

Chan came to Canada because schooling is more accessible here than in Hong Kong, where one cannot be guaranteed a place in university. After finishing grade thirteen at a Catholic private school in Downsview, Ontario, she deliberated between attending McGill or the University of Toronto because "both were famous internationally. But," she says, "I liked Montreal better than Toronto. The University of Toronto campus was too big and scattered, and too many Chinese were there." So she packed her bags and headed for a Montreal address north of Sherbrooke Street on University.

"At Royal Victoria College (RVC), I expected to meet a lot of people—Chinese and people from other countries as well—and my expectations have been met," she says. Unfortunately, her father finds the residence fees too high. Also, in spite of RVC's international flavour, Chan says, "My close friends are still Chinese because we understand each other better." For this reason, as well, Chan plans to return home to work after graduation. "I can work better in the Chinese community," she explains, "where I hope to enter the hotel business."

In preparation for this, she is completing an undergraduate degree in Management. "It's suitable for Hong Kong," she says, "because Hong Kong is so business-oriented. I think that there's a lot of Asian students in Engineering as well. The boys go into Engineering and the girls go into Management." And, to further prepare herself for permanent employment, she plans to get a summer job in Hong Kong to acquire work experience and references for her resumé. "It's not fair, though," she says, "because foreign students can't obtain summer jobs in Canada, and salaries are very low in Hong Kong. But I'll do it for the experience."

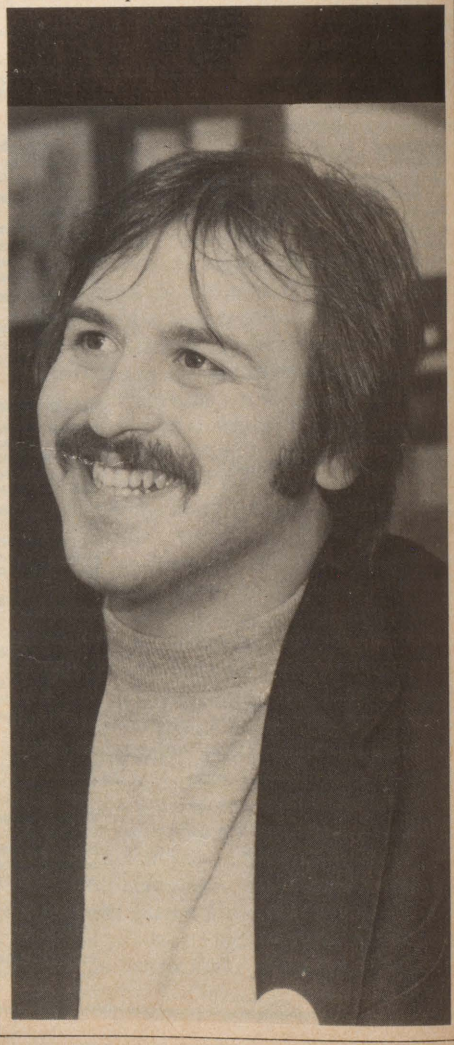
McGill's Chinese students also face difficulties adjusting to the level of classroom participation they encounter here. "In comparison our education is quite passive," says Chan. "In Hong Kong, students just take notes. As well, we people don't talk too much about politics. It's a failure of the Chinese educational system. Academically it's the same or even better, but not as well-rounded."

A final difference between Canadian and Chinese students, Chan feels, is the value they place on education. A Canadian student takes university for granted, while one from Hong Kong, where there are fewer educational opportunities, views it as a special privilege. "A Canadian student expects to go to university," says Chan, "but for me university is something I treasure."

Daniel Gaucher

Arts student Daniel Gaucher got quite an education just by being at McGill during the pre-referendum period. "It was very interesting to be in a community where the anglophones were a majority. They were well-established in Quebec. They could leave, they could stay. But once I got here I realized that some were very afraid."

Brought up in Sherbrooke's francophone community, Gaucher did his first year of university at Laval, then transferred to McGill to learn English. To do so as quickly as possible, he lived in residence during his first two semesters. "I felt uncomfortable there for the first three months," he says, "because I couldn't speak at all. But I was pretty well accepted by the group, and they were so patient, explaining all the English expressions." Although he has met some French-speaking students who don't participate in the McGill community, Gaucher feels that because their enrolment is expected to reach 30 per cent within the next ten years, most francophone students are "more aware



Arriving at the Faculty of Medicine, Kevin Sevarino recalls: "People had done not only CEGEP, but undergraduate and master's work here as well, and all they talked about were Phil Gold and Sam Freedman.

"But some of the superstars in science that taught me at Harvard were terrible teachers," he adds. "Here I found the teaching was quite good. Also I think that McGill's ability to use the teaching hospitals as a tool is excellent. At first you find McGill a closed world," he concludes. "Later on you appreciate there's been a lot of history here and that tradition is very important."

of the role they will play in the future of McGill.

"I put a lot of emphasis on working in the community," explains Gaucher, who, as a third-year industrial relations student, serves on the Students' Society executive as vice-president (external). Responsible for coordinating McGill student affairs with other Canadian universities, he proudly says the Society "is the most developed in the province, if not in Canada. McGill students have more control over their environment. You don't find such organization in the French universities. With the exception of the Université du Québec (Trois Rivières), francophone students still have to fight for their basic rights to organize. Here at McGill there's ongoing communication between the administration and the students, and that allows for more peace."

When asked if he was personally affiliated with any federal or provincial political party, Gaucher replied: "I'm fairly neutral. Well, it's hard to explain. I'm not for or against independence, because I see both sides." But he does feel strongly about his hometown, where he goes to relax from the many pressures of urban university life: "I feel more comfortable in Sherbrooke. I go to discos, ski, and visit my friends. Montreal is quite depressing sometimes. I live alone in a ghetto apartment, and it's not really the place to enjoy life. There's Place Ville Marie, Place Desjardins, and Mont Royal, so you can never tell the hour by looking at the sun."

How much time does Gaucher spend studying? "Not enough," he admits, "because many of my courses are boring. Besides, as a student, you don't have much control over the knowledge you receive. It's passive. The ideal would be to study for four months and work for four months, because today when you go looking for a job, they ask for your work experience to the point where you ask yourself, 'Did I make a mistake by going to school for so long?'" To pay for his education, Gaucher has worked the past two summers for Noranda Mines, and before that for the City of Sherbrooke.

Thinking he would like to work in labour relations, Gaucher doesn't foresee doing post-graduate studies in the near future. He feels, nevertheless, that he will continue to learn from his daily experience. "After all," he says, "you don't fall into the same hole twice. If you do, you're not well-educated."

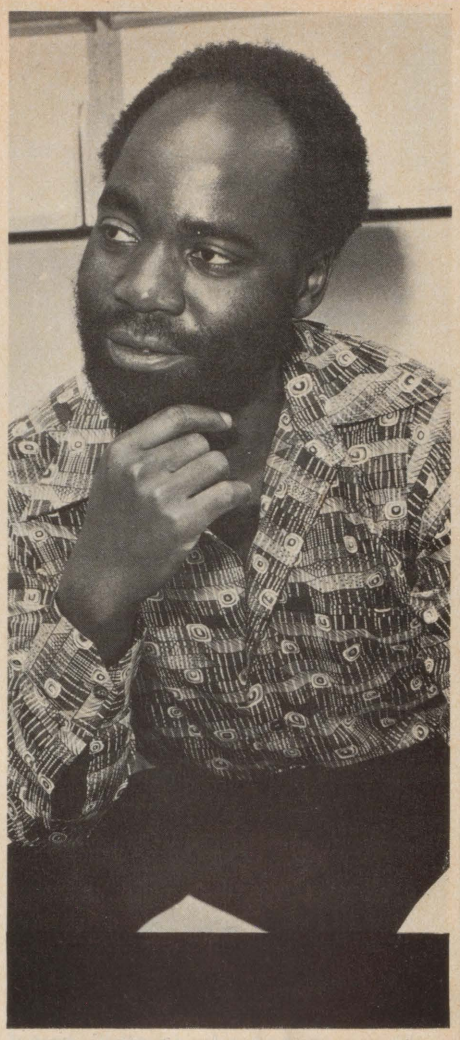
Joseph Mugore

Although he picked McGill at random from a list of schools, sociology doctoral student Joseph Mugore purposely chose a Canadian university as "a compromise between British traditionalism and American adventurism. I avoided the U.S.," he adds, "because I was at a stage where I associated it with imperialism." He also eliminated Britain because he had completed his first degree under their scholastic system in his home country, Zimbabwe.

At the University of Zimbabwe from 1971 to 1975, Mugore says he followed a much more rigorous programme than that required of Canadian undergraduates. As for the quality of teaching, his professors at McGill have been both good and bad, however he has been shocked by their general ignorance of Africa. "I find it appalling to talk with professors about Africa," he says, "because they don't know anything except as anthropologists. And in fact, it's not their fault, because you'll find that the Library of Congress catalogue will have everything on Africa listed under anthropology."

Mugore also observes that African students are more politicized and aware of current events than Canadians. "There's been no alternative, but to know the rest of the world because our countries are so small, and because the rest of the world imposes itself on us." African student politicalization, he continues, was at its climax when he attended the University of Zimbabwe: "You had lots of people leaving university to go and fight," he says, "and some of the many who were expelled for revolutionary activities are now ministers in the Zimbabwean government." These students were directing their energies towards the possibility of an alternative system, says Mugore, whereas in the late sixties North American radicals were rebelling against a structure that was already well-established and beyond influence.

The liberation struggle has given Zimbabwean students a sense of purpose that Mugore finds lacking among Canadian students today. "Here," he says, "society has become so big

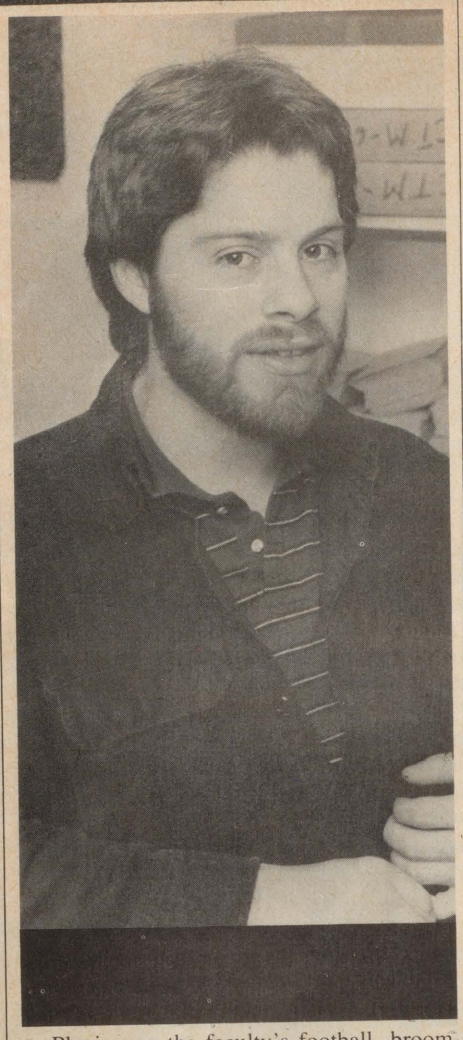


and opportunities for a significant contribution are so few, that few are challenged by anything outside themselves. Consequently, a lot of graduate students would like to make education their whole life." Not willing to devote all his time to academic pursuits, Mugore, who came to McGill on a World Council of Churches scholarship, notes that the Zimbabwean independence movement took precedence over his studies. "When the struggle was going on, that was my priority," he explains. "And education was definitely secondary."

When he and his wife, who is getting an MA in Education at McGill, return home, they will belong to a regrettably small intellectual minority. Although he doesn't know exactly what role he'll play, Mugore feels responsible for his country's future: "The role of the intellectual is to contribute as much as he can. It's imperative," says Mugore, "that he sacrifice everything he can for the uplifting of the people."

Robert Dunkley

Engineering students work hard and play hard, says Robert Dunkley, who's completing the final term of his BEng. "I think you have a lot of fun in Engineering because it's a small unit. We had eighty people in my year. And in any group there's always a core of people who get involved. If you get in with those people, you can have a lot of good times."



Playing on the faculty's football, broomball and basketball teams, Dunkley also finds time to sail, ski and help organize weekly wine and cheese parties where students and professors fraternize. "At the Christmas party I was talking to one of my professors who said it was really important for students to get involved because that's part of being an engineer—relating to people, not just machines."

Dunkley, who commutes to McGill from St. Lambert, laments his limited access to downtown student life, but admits: "It's a trade-off. I get tired from travelling, especially at rush hour, but it's easier when your meals are prepared and your laundry is done." And there's no room and board to pay.

Interpersonal skills, Dunkley has found, not only enhance one's social life, but are also an asset at job interviews. He reports the average engineering student, unless he plans to be a company researcher, is not judged according to his grades. "It's decided on your work experience and after that, on how you do in the interview—not necessarily that you're a good engineer." He adds that most engineering grads are finding good jobs. When the term is finished he will begin his own career in Pratt and Whitney Aircraft's stress and dynamics department.

In the meantime, Dunkley is finishing his project course—the final step towards obtaining a degree, and one which requires the problem solving that he says engineering is all about. Under the direction of Professor Charles Murphy, MEng'60, PhD'65, he and two other students are constructing a solar-powered, liquid piston, irrigation pump. He describes it as one of the mechanical engineering department's few attempts to develop third world technology.

The best study strategy that he has found is "to go to a room with the same friend after a lecture and do problems together so that we can keep up the pace." And it's annoying when this pace is disrupted: "Last year during the maintenance strike, a group of engineers picketed against the picketers," Dunkley recalls. "The feeling in Engineering was that we couldn't afford to lose a week of school because of a strike. If you do you'll fall really behind in your studies."

In spite of his endorsement of the work hard, play hard ethic in the Faculty of Engineering, a high school aversion to chemistry and a flirtation with the social sciences at CEGEP initially steered Dunkley away from the field. But he liked math. "And in the end," he says, "I decided, in thirty or forty years I'll look back and wonder why I didn't try engineering. So I took chemistry and physics courses to catch up, applied to the faculty, and got accepted. And I'm glad I did."

Karen Dixon

Education, for fourth-year law student Karen Dixon, is learning how the world works. "Doing a BCL and an LLB degree at McGill has helped me understand why society is the way it is because of certain rules," she explains. "The rules are there in writing. But education is not what's written down—it's learning how to use all those things that are written down."

A first step, says Dixon, is to actively inquire into the usefulness of information, rather than passively consuming whatever reading has been assigned. "Some people just read for the sake of it, and don't ask themselves 'why am I reading this?' They think that the professor will tell them why. But if you can figure out why you are reading something, you can probably save yourself a lot of time."

Claiming that her twenty-five hours per week spent studying are less than average, Dixon says she has found law challenging, but not difficult. "I've never deprived myself of a normal life," she says. "I take jazz dance and fitness classes, ski on weekends, and see friends as much as I can." During her second and third years at McGill, she chaired the Moot Court Board, and this year she's in charge of a legal writing tutorial programme for first-year students.

Advancing her professionalism in other areas, Dixon teaches an introductory commercial law course in the Protestant School Board's adult education programme and has worked year-round in a sports store. Initially her earnings were just for spending money, but at the end of her first McGill year, when her Westmount family relocated in Toronto, the money she earned helped to supplement her student loans and bursaries. "I think if I



didn't want to work or couldn't have found the time," she admits, "I wouldn't have. It's just that I've had the opportunity to work and I enjoy it."

In fact, she enjoys the business world so much, she has taken the first steps towards a corporate law career by securing an articling position with a Montreal firm for next May. While job hunting she found that a McGill degree and businesslike manner don't guarantee success: "There are some firms that are still very conservative in their views, with older partners who really are against women lawyers. There's the problem of trying to get into a law firm to begin with—then there's the additional hurdle of being a woman, and in this province, being English on top of it."

Although most law students are finding articling positions, many are obtaining them in Toronto. Having completed a linguistics degree at the University of Montreal before coming to McGill, Dixon was exempt from the mandatory French proficiency exams that are driving many of her anglophone colleagues away. Eager to enter Quebec's legal milieu, she's keen as well to perfect her French while attending court at Montreal's Palais de Justice. "I've always intended to stay," she adds.

Kevin Sevarino

Not only is third-year medical student Kevin Sevarino simultaneously pursuing two academic degrees—a PhD and an MD—in two

different countries, he has also attended two prestigious North American universities—Harvard and McGill. "It's been a kind of schizophrenic career," he admits.

In 1973 Severino entered Harvard in the wake of their student riots to find that almost anything was possible. "It was a very open environment, and yet it actually turned out to be very demanding. You were choked in your own freedom," he explains. Despite its liberalism, Harvard was a highly competitive school where connections were important and a class structure visible. "Twenty per cent of the people—preppies—came from very rich families and belonged to the private clubs. On the other end of the scale," Severino says, "you had people who came from working in grocery stores like myself."

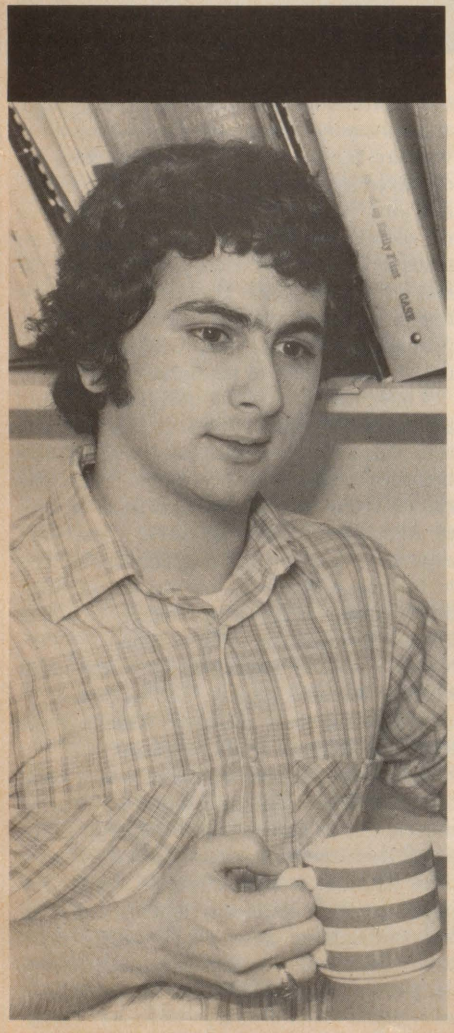
Arriving at the Faculty of Medicine in 1978, after doing interim studies on a soon-to-be-completed PhD, Severino recalls: "The first thing I noticed when I came to McGill was that it was a very insular, very closed school. People in medical school had done not only CEGEP, but undergraduate and master's work here as well, and all they talked about were Phil Gold and Sam Freedman."

Unlike Harvard or Yale, McGill's Faculty of Medicine never embarked on educational experiments such as the abolition of exams, says Severino. "I hadn't expected McGill to be quite so traditional. But because the anatomy and histology departments have been so dominant, the courses have stayed basically the same.

"Some of the superstars in science who taught me at Harvard were terrible teachers," Severino recalls. "Here I found the teaching was quite good. Also I think that McGill's ability to use the teaching hospitals as a tool is excellent. At first you find McGill a closed world," he adds. "Later on you appreciate there's been a lot of history here and that tradition is very important."

His own love of history led Severino to be last year's Osler Society chairman and this year's co-chairman. But, he says, he and his wife, who's studying family medicine at McGill, have only about seven free hours per week. "I've already decided that I couldn't lead a life like that," says Severino. "I'm not going to devote twenty-four hours a day to my profession. I'm going to seek something research-oriented, where I have more of a choice of what I do in my evenings."

After graduation, Severino might like to stay at McGill to do neurological research. But before that he has to spend six months in Boulder, Colorado on unfinished business—his PhD in biochemistry. As for their long term plans, Severino and his wife, Ferne, are not sure whether they'll remain in Canada or return home. "The advantage to the States is being closer to our parents. The advantage to Canada is that medicine is a lot more enjoyable to practise. Geared to primary care, it's a lot more human, and there's a lot less worry about being sued," he adds. "Doctors still hold a position of respect here."



Sandra Gabe

Mature student Sandra Gabe remembers when she first enrolled in McGill's Jewish studies programme, the campus was an intimidating, automated world with machines for coffee, photocopies, and change. "Want to know my gripe?," she asks indignantly. "I could just not figure out where you put the dollar in. You have to put the queen on a certain side. And when I'm thinking about what I'm doing, I feel the pressure of *them* behind me. That's the difference between being forty-two or nineteen. I don't snap to it as fast as they do."

Gabe admits that during her initial months at McGill she felt old, paranoid, and self-conscious, but soon grew to enjoy the casual anonymity of student life. "I can come here dressed in polyester pants and a sweat shirt with my forty-two-year-old body. It doesn't matter. I don't have to be anybody here that I am on the outside world." And it's the people outside university, she feels, who are least sympathetic to the mature student.

"That's my biggest problem—the people who have never gone to university. With them, I find a tremendous lack of sensitivity. The campus is my shelter. There's tremendous sympathy here because everybody's in it together." Accepted by her professors and many of the students, she theorises that the few unfriendly students are probably those who have had bad relationships with their own parents.

With her two children grown, Gabe enrolled in evening courses at Concordia, but



found she couldn't stay awake and that her teachers, who worked day jobs like herself, "were not up to snuff." Having transferred to McGill, she juggles her job as manager and medical technician for the Westmount Medical Specialists with two daytime Jewish studies classes. Originally choosing this major to compensate for the poor Jewish education she received as a child, she finds at her age that she can't cope with the Hebrew language requirements and will transfer to comparative religion.

And as a mature student, she has encountered other problems as well. She must resist the temptation to use the demands of job and family as an excuse for not doing homework. She also had to learn the "trick" of writing a college essay instead of a high school composition and that it was permissible to switch courses during the first two weeks of term. "I didn't know," she explains, "that when you don't like the syllabus, and this professor comes in kind of hysterical, screaming and yelling, you're allowed to change."

These difficulties aside, Gabe says that returning to school has greatly increased her self-respect, which she pursues with a sense of urgency. Having recently been diagnosed for breast disease, she says this mid-life crisis stimulated her educational commitment: "For mature people coming back to school, I cannot understand not doing it 100 per cent. After all," she adds, "this is your last hurrah!"□

At random with Dean Robert Vogel

Interview by *Alison Nesmith*

In 1969 the McGill Daily *called Professor Robert Vogel, MA'54, PhD'59, "the most approachable department chairman in the university." They also noted that he liked to talk. Twelve years later, ten of which he has served as dean of the Faculty of Arts, Vogel still thinks this assessment was fair. Reminded that he had been called an excessive talker, he replied, "Well, that's all right. I am."*

This man, who so readily admits his garrulousness, is a native of Vienna, Austria, who emigrated to Canada after spending the war years in Britain. He completed a BA at Sir George Williams College (now Concordia University) in 1952 and did graduate work in diplomatic history at McGill, where he became a history department lecturer in 1958. Since 1962, when he became secretary of the history department, Vogel has assumed more and more administrative responsibility. Named history department chairman in 1966 and vice-dean of the social sciences division in the Faculty of Arts and Science in 1969, he was appointed dean of Arts in 1971.

During his two terms in the deanery, Vogel has presided over the faculty's crucial core curriculum discussions, advocating a more coherent programme of required courses and the use of marking standards. Although he will hand over the deanship in June to Professor of History Michael Maxwell, DipAgr'54, MA'61, PhD'66, the faculty will continue the process of restructuring the arts degree that was begun under Vogel's direction. McGill News *assistant editor Alison Nesmith spoke with the dean about these and other facets of his work at the university. His heavy features elastic, his smile a touch mischievous, Vogel lived up to his reputation as a* provocateur *and storyteller, as he talked about education, history, and himself.*

News: You have been dean of Arts for ten years. How has the faculty changed during that time?

Vogel: Well, we've gone through a whole series of changes such as the coming of the CEGEPs and the adjustment from the four-year to the three-year programme. Also we've gone from a period of cafeteria-style BA degrees to ones that are more structured.

News: Why has it been necessary to restructure the programme in recent years?

Vogel: I think students found it unsatisfactory to have a very loose programme with no sense of direction. They had no sense of completing a degree with a beginning, a middle, and an end. In the last four or five years, we've become uneasy about that.

News: Are you saying that faculty members found the changes of the sixties and seventies detrimental?

Vogel: I think both staff and students felt that this restructuring ought to be done. I'm not suggesting we go backward, but forward by absorbing some of the useful changes of the seventies, such as the greater independence of students, or the emphasis on doing research papers.

News: What would you say to those who feel that it's useless to obtain a liberal arts education because it in no way guarantees employment?



Photos by Harold Rosenberg

Vogel: Well, if you assume that a liberal arts education is really professional training, then of course it's useless. It has no immediate application to anything except to make you aware that we're all human beings, who interact in certain ways and accomplish certain things in art, or music, or politics. To that extent, the liberal arts education is what it always has been—the heart of the university.

The professional faculties don't belong in the university. They're sort of technical high schools. You know—medicine, engineering, dentistry—these are skills like plumbing. Okay, I'm exaggerating. But, theoretically, arts and science teach you how to think, how to relate to the universe and to other people, not how to build bridges, or manage factories.

News: You say that the arts and science faculties are the heart of a university. But given today's increasingly constrained economy, do you think that our job-minded society views university in that way?

Vogel: There has always been a tension between professional schools and the university as a university. There have always been those who say, 'Look, we want our kids to come out of university, know what they're doing, and go into jobs.' I think the problem, particularly in the sixties, was to assume that you *had* to go to university and that when you came out, you had a ticket for some kind of job. That was true then. But, when it became less true, people began to say, 'Well what are we paying all this money to the universities for?'

Vogel: There has always been a tension between professional schools and the university as a university. There have always been those who say, 'Look, we want our kids to come out of university, know that they're doing, and go into jobs.' I think the problem, particularly in the sixties, was to assume that you *had* to go to university and that when you came out, you had a ticket for some kind of job. That was true then. But, when it became less true, people began to say, 'Well what are we paying all this money to the universities for?'

I have always felt that universities should not be training people for specific jobs. If you take philosophy, you can't say that you will be trained to make ethical decisions. What you can say is that, at least, you have an awareness of what these things are about. And your awareness as a human being may enable you to become a better lawyer, doctor, or truck driver. That is really what a faculty of arts is about—it trains you to be aware.

News: You have taught courses in European history, war and society, and in your specialty, civil-military relations. What does the term civil-military relations mean?

Vogel: Take my course! There was a great historical school that argued that war was an interruption of normal social life. But, Europeans have spent so much time killing each other that it's clear the effect of war is very important. Now in order to fight wars, or even to avoid fighting them, every society has a powerful military organization that reacts to the policies drawn up by civil authorities—and that's civil-military relations. Some

examples would be the influence joint chiefs of staff have on a president, or who makes the decision to go to Vietnam or stay home. That's one part of it. The other part is the actual organization of the armies, how they interact with the rest of society, and why people are, or are not, prepared to go off and get killed.

News: Why did you develop an interest in this particular area of history?

Vogel: If you live in the twentieth century, and you study twentieth century history, I don't see how you can avoid it. One has to understand what wars have done. The popular mythology is that the Second World War created major technological breakthroughs. But that's nonsense, because the productivity and the economic development of Europe declined drastically during the war. Take an example like television—most of the technology existed in '38 and '39, at which time London had a television system. But further work on England's TV network stopped for the six war years.

"The liberal arts education is what it always has been—the heart of the university. The professional faculties, on the other hand, don't belong in university. They're sort of technical high schools. You know—medicine, engineering, dentistry—these are skills like plumbing. Okay, I'm exaggerating. But, theoretically, arts and science teach you how to think, how to relate to the universe and to other people, not how to build bridges or manage factories."

News: Teaching a new course on the history of the Second World War, you obviously believe that it's an important subject. Are you attempting to convey a message to your students?

Vogel: The message, is, 'Don't do it again!' I suppose that you have to understand what man has done in the past in order to understand yourself. Put at a very utilitarian level, many of my students' fathers and grandfathers were involved in the Second World War. And for them to understand their parents, they have to know something about the unbelievably violent world between '39 and '45. Much of the shape of the world today is dominated by what happened then, even though it seems so far away. We tend to approach our problems as if they were just created. If we only knew how much all of this is repetitive, we might break out of the cycle. You know, Napoleon, with the Russians, planned to invade Afghanistan in order to go into India. Persia, which is now called Iran, has been the centre of controversy for 180 years. And Poland has traditionally been the place where wars get started.

News: Are you hinting that the present conflicts in Iran, Afghanistan, and Poland indicate that the world is heading for another war?

Vogel: History does not necessarily repeat itself. But I think that things have become very serious, partly because of China's shift from one alliance system to another. That makes the Russians very nervous because they have these eight-hundred-million restless people on their border. And a group of nervous Russians may calculate that it's better to fight the war now than later. The Germans decided to fight in '14 rather than in '17 or '18. And Hitler, as well, calculated that it was better to fight in '39 than in '44, as originally planned.



News: Do you believe that by knowing history, your students may actually be able to avert future conflicts?

Vogel: I want students to draw their own conclusions about what relationship there is between the past and the present. I hope it makes them realize that the world wasn't invented yesterday, or when they were born. Also, I trust it gives them some notion of man's inhumanity, and perhaps a greater understanding and tolerance. As I put it in class, the differences between us are interesting, but it's the similarities that are important.

News: Your lecturing technique has been described as that of a 'storyteller' and 'lover of the gossip of history.' What was meant by this?

Vogel: Nothing salacious unfortunately—just storytelling in the sense that things can happen accidentally in history, which you can only illustrate by telling a story. As a theory of history, this is known as 'the problem of Cleopatra's nose,' which is—if Cleopatra had been ugly, would there have been a Roman occupation of Egypt? Small events can have major consequences.

News: What would be an example of one of these small accidents that have shaped history?

Vogel: There are so many examples—the Serbian terrorists' assassination of Austrian Archduke Francis Ferdinand in Sarajevo, Bosnia (Yugoslavia), which led directly to World War I, was an accident. It's a very peculiar story. In the first place, what the terrorist organization seems to have wished to accomplish was not the assassination, but an attempted assassination that would bring the Serbian government down. Therefore, they sent three extremely inexperienced operators—students, who attempted, on the morning of June 28, 1914, to assassinate Ferdinand in their amateurish sort of way with a grenade or something. One of them was killed in the scuffle, one was badly injured, and the third, Gavrilo Princip, escaped into the mob. He wandered around Sarajevo totally distraught by this failure, while the archduke and his wife went through the rest of the ceremony. In the afternoon, their car took a wrong turn, landed in a cul-de-sac, and had to turn around. By absolute accident it turned exactly where Princip was wandering, and he pulled out his revolver and killed the archduke.

The other side of the accident was—'Why was the archduke in Sarajevo?' The twenty-eighth of June was the anniversary of a great medieval, Serbian battle, and it was known to be a dangerous day. But the archduke insisted on going because it was the only state occasion in which his wife could take part. She was not of the nobility, and his uncle, Emperor Francis Joseph I, would not allow her to participate in state occasions in Vienna. So you have this whole web of circumstances, all of which were really quite trivial, coming together to create an incident that—whatever the long-term problems of imperialism, nationalism, and diplomacy—triggered the war. If it hadn't happened, it's easily argued that there would have been a war anyway. But it would have been a different kind of war. If it had occurred ten years earlier, for instance, it is unlikely that there would have been any tanks because the internal combustion engine was only just beginning to become efficient.

If it had happened later, it probably would not have been the same kind of slaughter because the technology would have been more advanced.

News: Do you tend to emphasize the element of chance more than your colleagues in the history department would?

Vogel: It's not a particularly popular position in the sense that there's a lot of scientific history being done, and there are great theories about inevitability that say 'There's got to be a revolution.' As a teaching method, I try to create an understanding of the relationship between great concepts on one side and human actions on the other. I don't subscribe to the theoretical frame-work that deals with history as made by individuals. I subscribe more to the notion that there's a good deal of randomness in history; things turn out to be a result of circumstances that could not be foreseen. Sometimes it's human, but sometimes it isn't.



News: How do you view your role as a teacher of history?

Vogel: There's so much to learn, and no instructor can do much more himself than scratch the surface of a major subject. There are, at a very conservative estimate, a quarter of a million books written on the Second World War. I don't pretend that I've read them all. All I can do is take what I've read and understood to the classroom. I may sometime in the future find some small point that I can do research on—that's fine. But I have a tendency to argue that perhaps we put a little too much emphasis on assuming that everyone should do research these days. For the moment, my main job is to take the enormous amount of information on the Second World War and try to structure it to provide some understanding for the eighty-five students that are in the class. And if I can do that, I'm quite happy.

News: You have been an administrator, both in the history department and in the Faculty of Arts for some sixteen years. What first attracted you to work in administration?

Vogel: You know, some people, I suppose, plan their lives. I'm not sure that I ever have. I just fell into it. When I became history chairman, there were ten people in the department. One was a vice-principal, two were involved in the faculty course, and one was the warden of Royal Victoria College. They had all sorts of administrative jobs. Somebody had to be chairman. Professor Charles Bayley, who had done it for years, decided he'd had enough and just passed it on. Nowadays we go through these search committees, and this endless rigmarole. In those days, you sort of got tapped on the shoulder. You know—'Maybe you'd better do it for a few years, Bob,' sort of thing. That wasn't such a bad system, and there wasn't much vying for the position, if you know what I mean.

News: On June 1, 1971 when the Arts and Science deanship was divided into two separate posts, you became dean of the Faculty of Arts. Weren't you originally against the separation of these two faculties?

Vogel: Yes. I opposed the division right to the last vote in Senate, even when I had been designated as dean. I thought it was a waste of an extra administrative position. And if McGill shrinks any more, maybe it would be a good idea to bring the two back together. I don't know. I hate to say it out loud, but I don't see why not.

News: Are you planning to do anything special after you give up the deanship?

Vogel: I have a project with a friend of mine to do some work on Canadian participation in the Second World War. I'll teach war and society, the Second World War, a European survey, and perhaps they'll send me some graduate students.

News: So you'll have no problem keeping busy. But it will certainly be different from all the administrative work you've been doing for the past sixteen years.

Vogel: Yeah. It's scary. It's what we call the reentry problem from this stratosphere. I haven't had a chance to feel it yet because there's still so much to do before June. But actually, I'm looking forward to it. □

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A. M. Minnion, Q.C.
R. A. Patch, Q.C.

WHERE THEY ARE AND WHAT THEY'RE DOING

'27

ABRAHAM EDEL, BA'27, MA'28, a research professor of philosophy at the University of Pennsylvania, has published two volumes of papers entitled *Analyzing Concepts in Social Science* and *Exploring Fact and Value*.

DR. ENOS MONTOUR, BA'27, is author of *The Feathered UELs*, a book on the United Empire Loyalists that is going into its third printing.

'31

RALPH SKETCH, BSA'31, has sculpted small bronze statuettes that provided a focus for a book entitled *Ten Moments in Canadian History*, published last June.

'34

LOUIS J. SHEPS, PhD'34, vice-president of research and development for Texall Products Co. Ltd., will be working in the company's newly acquired plant, Mailloux Chemical and Dyestuff Ltd.

'35

DR. JOHN BARTLETT ANGEL, BEng'35, received the ninth Canadian Engineers' Gold Medal Award in Ottawa, Ont., last November.

'37

ARTHUR S. ABRAMSON, BSc'34, MD'37, professor and chairman of the rehabilitation medicine department at the Albert Einstein College of Medicine of Yeshiva University, Bronx, N.Y., has been honoured with the Frank H. Krusen Award from the American Academy of Physical Medicine and Rehabilitation.

'38

ISADORE SEDLEZKY, MD'38, is staff radiologist at the John Dempsey Hospital, Farmington, Conn., and the Veteran's Administration Medical Centre, Newington, Conn. He is also associate professor of radiology at the University of Connecticut Medical School.

'39

DONALD WILSON, MD'39, DipMed'47, was appointed an officer of the Order of Canada last December.

'40

GLENN KEITH COWAN, BSc'40, has retired as advisor to the government of Prince Edward Island and director of the Prince Edward Island Institute of Industrial Relations and is establishing a consulting business in Victoria, B.C. During the Quebec referendum campaign, he organized the People to People Petition for Canadian Unity.

'41

WILLIAM C. GIBSON, MSc'36, MD'41, DipMed'48, chairman of the Universities Council of British Columbia, has become a member of the Council of the Rockefeller University, New York, N.Y.

'43

BERNARD J. SHAPIRO, BSc'42, MD'43, has retired as radiologist-in-chief for Mount Sinai Hospital and the Baycrest Centre for Geriatric Care in Toronto, Ont. He will consult for both institutions and maintain his responsibilities as radiology professor at the University of Toronto.

'45

LT. COL. W. TEMPLE HOOPER, BSc'44, MD'45, has been named honorary aide-de-camp to Lt. Gov. J.A. Doiron in Charlottetown, P.E.I.

DR. MARTIN WILK, BEng'45, has been appointed chief statistician of Canada in Ottawa, Ont.

'46

DAVID F. KERR, BCom'46, has been named president of Price & Pierce (Canada) Ltd., St. Catharines, Ont., and vice-president of Price & Pierce International, New York, N.Y.

'47

JOHN D. GOODE, BEng'47, has become vice-president, responsible for non-ferrous projects, of Hatch Associates Ltd., Toronto, Ont.

ROBERT MacINTOSH, BA'47, MA'49, PhD'52, is the first full-time president of the Canadian Bankers' Association.

'48

HAROLD J. DONDENAZ, BA'48, is manager, historical services, for Air Canada.

DONALD W. HOWARD, BEng'48, has been appointed vice-president of marketing and sales for Sylvania Electrical Equipment Division, Toronto, Ont.

'49

P. STUART AIKMAN, BSc'49, has become a principal of Thorne Stevenson & Kellogg Management Consultants, and will provide organization, marketing, and personnel services in their Toronto office.

ANGUS ("GUS") MacFARLANE, BA'49, has become a member of the War Veterans Allowance Board.

JOHN P. ROGERS, BA'49, has been appointed executive vice-president of Molson Breweries of Canada Ltd., Montreal.

'50

BERNARD ROLAND BELLEAU, PhD'50, a McGill chemistry professor, has been named to the Science Council of Canada.

WALTER B. TILDEN, BCom'50, has been elected president of the National Council of Boy Scouts of Canada.

ALICE TURNER, BLS'50, has become Saskatoon public library's chief librarian in Saskatchewan.

'51

DR. EMILE H. NENNIGER, MEng'51, has been named vice-president, responsible for studies and process engineering, of Hatch Associates Ltd., Toronto, Ont.

'52

GEORGES R. GAGNON, BCom'52, has been appointed regional manager of sales and services for Canadian National Railways, Montreal.

'53

REV. ROBERT C. MALCOLM, BSc'53, after twenty years of missionary work in Africa, has joined the home ministry and is presently youth coordinator for the Baptist Church in Quebec.

JOHN McADAM, BSc'53, a mining explorer and developer, has taken over as president of the Prospectors & Developers Association.

'54

J. LOUIS BLAIS, BEng'54, has been appointed director of public affairs for Gulf Canada Ltd., Ottawa, Ont.

GILLES CARRIERE, MSc'54, a consulting geologist, was elected president of the Quebec Prospectors Association last November in Val d'Or, Que.

DONALD A. CHAMBERLAIN, BEng'54, has been named president, conveyor and components division of Rexnord Canada Ltd., Willowdale, Ont.

GUY P. FRENCH, BA'54, has become vice-president and area manager for Canada and Europe of American Can Company, Greenwich, Conn.

F. THEODORE REID Jr., MD'54, was named medical director of Camelback Hospitals in Phoenix, Ariz.

'55

JOHN HOWARD, BEng'55, has been appointed senior vice-president, human resources of Syncrude in Edmonton, Alta.

EDWARD E. LISTER, BSc'55, MSc'57, is assistant director general of the management accountability directorate of Agriculture Canada's research branch.

GALER F. ROBINSON, BEng'55, DipM&BA'58, has been named president of Pittston Petroleum Canada Inc., Montreal.

CHARLES R. SCRIVER, BA'51, MD'55, be-

gins a five-year-term on the medical advisory board of the Howard Hughes Medical Institute.

DAVID C. WILSON, BEng'55, has been promoted to general sales manager for U.S. Petroleum Chemicals of Ethyl Corp. in Houston, Texas.

'56

JEAN-GUY ALLARD, BCom'56, has become vice-president and chief general manager of CIP Paper Products Ltd., Montreal.

G. RAPLEY BUNTING, BEng'56, has been appointed vice-president, plastics, of Esso Chemical Canada, a division of Imperial Oil Ltd.

JOHN E. LAWRENCE, BCL'56, has begun a seven-year-term as vice-chairman of the Canadian Radio-Television and Telecommunication Commission.

BRUCE W. LITTLE, BEng'56, has been named vice-president, manufacturing operations, for la compagnie d'Energie & de Papier Maclaren, Montreal.

ALEXANDER K. PATERSON, BCL'56, has been named, for three years, to the Social Sciences and Humanities Research Council of Canada.

LARRY PELLETIER, BEng'56, has been appointed vice-president of branch operations for Hewitt Equipement Ltée, Pointe-Claire, Que.

JOHN SINANIS, BEng'56, has become director of coordination and control for Hydro-Quebec.

'57

MARC CHAGNON, BEng'57, DipM&BA'63, is an international development consultant working mostly for the Canadian International Development Agency (CIDA), Ottawa, Ont.

GERALD GREENBLATT, MSW' 57, has been appointed executive director of the YM-YWHA and Neighbourhood House Services of Montreal.

PETER JOTKUS, BEng'57, has become vice-president, chemical operations for Reed Paper Ltd.

'58

MARCIA (CROMBIE) HOLLIS, BA'58, has published a book entitled *The Godswept Heart: Parables of Family Life*, in Toronto, Ont.

C. RICHARD MAJOR, BCom'58, has become vice-president of Toronto Investment Management Inc.

DONN K. WILSON, MA'58, has been appointed president of Willson Office Specialty Ltd., in Toronto, Ont.

'59

RAOUL C. BUSER, BEng'59, is senior vice-president of Reed Paper Ltd., Quebec City, Que.

LT. COL. SAM DUNBAR, BEng'59, has been promoted to colonel and is waiting to be posted as a military attaché in a Canadian embassy.

JOHN HANNEN, BA'59, was elected bishop of the Anglican diocese in Caledonia, B.C.

FREDERICK H. LOWY, BA'55, MD'59, a psychiatry professor, has been named dean of the Faculty of Medicine at the University of Toronto.

J. MICHAEL MCCORMACK, BEng'59, has been appointed director of industrial relations for Reed Paper Ltd., Quebec City, Que.

DAVID MACNAUGHTON, BSc'59, has become president of Tiger Leasing Group—Europe, in Paris, France.

'60

D. TERENCE DINGLE, BCL'60, has been elected chairman and chief executive officer of Shawinigan Procon Co., Montreal.

BERNARD I. GHERT, BSc'60, has joined the office of the chief executive and has been elected vice-chairman of Cadillac Fairview Corp., Ltd.

ELAINE KOTLER, BA'60, has become a registered representative of Maison Placements Canada Inc., in Montreal.

'61

SANDRA BRITT, DipEd'61, has joined Aero-Vend Inc., as a marketing representative in its food-service division in Mount Vernon, N.Y.

MARILYN LIGHTSTONE, BA'61, co-stars with CITY-TV President Moses Znaimer, BA'63, in one of nine segments of "Love," a Canadian movie made in Toronto, Ont.

CAMERAN MIRZA, BSc'61, has been appointed Ontario manager for Warnock Hersey Professional Services Ltd.

'62

JOHN O. BAATZ, BEng'62, has been named president, chief executive officer and a director of Standard Aero Ltd., Winnipeg, Man.

'63

DR. VIVIAN M. RAKOFF, DipMed'63, has been named psychiatrist-in-chief at the Clarke Institute, Toronto, Ont., and chairman of the University of Toronto's psychiatry department.

DAVID M. SCHWARTZ, BA'63, has been appointed vice-president, marketing, for Investors Syndicate Ltd.

GAETAN VALIQUETTE, BEng'63, has become director of planning and engineering for Ingersoll-Rand (Canada) Inc.

MOSES ZNAIMER, BA'63, president of CITY-TV in Toronto, Ont., has recently produced three stage presentations and acted in three movies.

'64

J. RICHARD BERTRAND, BSc'64, has been appointed vice-president of Executive Consultants Ltd.

ANN MCCALL, BA'64, recently presented her paintings, drawings, and silk screens at her fourth Montreal exhibition.

A.R. DEANE NESBITT, BA'61, BCL'64, has released an album, "Ocean Rain," which features five of his own compositions.

SERGE M. RAND, BCom'64, has been appointed director, administration and finance, for the forest products division of UOP Ltd., North Bay, Ont.

DAVID A. RATTEE, BCom'64, has been promoted to executive vice-president of operations for the Continental Bank of Canada.

ROSELYN SEDLEZKY, DipSW'64, is a social worker with Child and Family Services, Hartford, Conn.

DR. BRIAN SEGAL, BSc'64, took over as president of Ryerson Polytechnical Institute, Toronto, Ont., in November.

FREDERICK G. YOUNG, MSc'64, PhD'70, has become chief staff geologist of Home Oil Co., Ltd, in Calgary, Alta.

'65

PETER M. BLAIKIE, BCL'65, who practices law in Montreal, was recently elected president of the Progressive Conservative party.

DAVID COOMBES, BSc(Agr)'65, who manages the Atlantic Winter Fair, Hants County Exhibition, and Nova Scotia Provincial Exhibition, has won the Fair Management of the Year award from the Canadian Association of Exhibitions.

JOHN A CROCKER, BCom'65, has been appointed Canadian vice-president of securities investments for the Prudential Assurance Co., Ltd.

PAUL F. CSAGOLY, MEng'65, a research engineer with Ontario's ministry of transport and communications, was awarded an Engineering Medal by the Association of Professional Engineers of Ontario.

P. MICHEL DE GRANDPRE, BCL'65, vice-president and administrator of McLeod Young Weir Ltd., has been elected president of the council of administration for the Council of Health and Social Services for Metropolitan Montreal.

DAVID GOLDMAN, BEng'65, DipMgmt'70, is now general manager, Canadian Copper Refiners Ltd. (Noranda), Montreal.

LIANG-CHERN LU, MSc'65, is currently an associate professor in Taiwan.

REV. EDWIN J. MCDONALD, BD'65, became minister of Richmond-Stittsville United Church, in Ontario, in January.

MARILEN JOY PICARD, BA'65, a staff psychologist at the Montreal Children's Hospital, received a doctorate in psychology from Concordia University, Montreal.

PAUL M. RUSSO, BEng'65, has joined General Electric Co., as manager of the newly-created industrial electronics development laboratory, in Charlottesville, Va.

VAIRA VIKIS-FREIBERGS, PhD'65, a psychology professor at the Université de Montreal, has been appointed to the Science Council of Canada.

'66

SAMUEL CUKIER, DipMgmt'66, an executive with the chemicals group of Domtar Inc., has been elected president of the Canadian Manufacturers of Chemical Specialties Association.

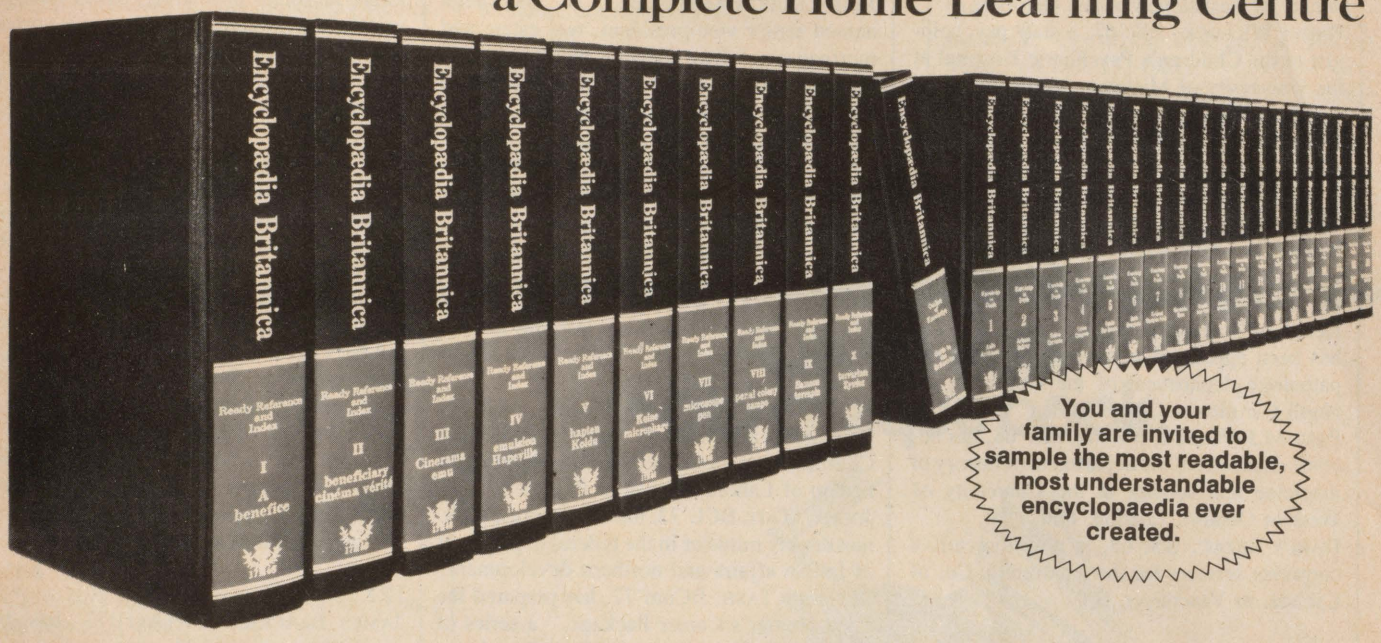
'67

DON COGGAN, BEng'67, has started his own practice as a consulting engineer in energy conservation in buildings.

MICHAEL H. LIST, BCom'67, has joined Computel Systems as divisional manager of product development.

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CHARLES F. MacFARLANE, BCom'67, MBA'69, has been appointed assistant vice-president, personal trust services of the Royal Trust Corp., of Canada.
MARGARET (LAYSON) VEEMAN, MSc'67, received a Bachelor of Education from the University of Saskatchewan last October.
BRENT WILLOCK, BSc'67, a staff psychologist at the Children's Psychiatric Hospital at the University of Michigan Medical Centre, was awarded a doctorate in psychology at the University of Michigan in Ann Arbor, last May.

'68

BARRY W. GLICKMAN, BSc'68, MSc'69, works in the molecular genetics laboratory at the National Institute of Environmental Health in Research Triangle Park, N.C., and has been appointed adjunct professor in the pathology department of the University of North Carolina at Chapel Hill.
PAUL M.J. POTTER, BSc'66, MD'68, has become chairman of the department of history of medicine and science at the University of Western Ontario, London, Ont.
DARCY REZAC, BSc'68, is now director of corporate services for the Aluminum Co. of Canada, in Vancouver, B.C.

'69

MICHAEL M. AVEDESIAN, BEng'69, project manager, engineering, at Noranda Research Centre, Pointe Claire, Que., is serving his third year as secretary of the Canadian Society for Chemical Engineering.
ROBERT COOPER, BA'65, MA'68, BCL'69, who recently formed a film development company, Robert Cooper Productions, produced two films—"Bells" and "Utilities" —in 1980.
ROBERT S. LEOPOLD, BCom'69, has joined the institutional equity sales staff in the Montreal office of Merrill Lynch, Royal Securites Ltd.
HELGA STEPHENSON, BA'69, has been appointed vice-president responsible for communications and development of Simcon Ltd., in Toronto, Ont.
CAROL (MYRON) ZELNIKER, BA'69, has been named communications and education officer of Canadian B'nai B'rith and its League for Human Rights agency.

'70

REV. BRETT CANE, BArch'70, recently became priest assistant at St. Peter's Church in the Town of Mount Royal, Que.
MICHEL GUAY, BSc'70, a manager with Montreal Life Insurance Co., Montreal, has been named an associate of the Society of Actuaries.
GENE KOTTICK, DipMgmt'70, has been appointed director of marketing for Wheelabrator Corp. of Canada Ltd, Milton, Ont.
JACK MOOALLEM, BCom'66, BCL'70, has been named vice-president, finance and law, of Alcan Canada Products Ltd., Toronto, Ont.
RONALD S. PURCELL, BCom'70, is now director of business development for Standard Brands Food Co., in Toronto, Ont.

'71

PIERRE COLOMBAT, MLS'71, is a librarian at the Université de Montréal.
MARK FIRTH, MSc'71, is now a metallurgical engineer with Hanson Materials Engineering Ltd., Edmonton, Alta.
JEAN-LOUIS HAMEL, BCL'71, has been named senior vice-president, real estate and mortgages, of Trust Général du Canada.
DR. LAWREN S. HICKS, BSc'71, has joined the medical staff at the Wellington Clinic in Wallaceburg, Ont.
ANDRÉ L. POTVIN, BCom'71, has been promoted to first secretary, CIDA, at the Canadian Embassy in Lima, Peru.

'72

AUDREY CROUSE BIGHAM, BN'72, received a Master of Science in nursing, last May at Case Western Reserve University, Cleveland, Ohio.
REV. ALEXANDER JOHN MALIK, MA'72, Rawalpindi armed forces chaplain, and Christ Church vicar, was elected the eighth lord bishop of Lahore diocese in Pakistan.
JOHN C. TAIT, BCL'72, has been named assistant deputy minister in the federal department of Indian affairs and northern development.
SEYMOUR TASH, BCom'72, has prepared the "Job Hunter's Career Package," a series of booklets that provide advice for job seekers.

'73

JOHN G. KHATTAR, BSc'73, DipMgmt'75, has been designated president of the board of directors of Sydney City Hospital in Nova Scotia.
MICHEL LABADIE, BSc'73, MSc'75, has become vice-president of the Quebec City branch of the Mercantile Bank of Canada.
ANTHONY G. STOREY, MSc'73, has recently become senior metallurgist at the Texasgulf Canada Ltd. smelter in Timmons, Ont.

'74

ROGER AMELUNXEN, BEng'74, has been appointed mill superintendent at Minera Real de Angeles, Central Mexico.
JEAN GUYON, BCom'74, has been named product manager for the home improvement division of Hunter Douglas Canada Ltd.
THERESA WALBURGA GYORKOS, BSc'74, currently working on her doctorate, received an Imperial Order of the Daughters of the Empire (IODE) scholarship.
PETER A. IRWIN, PhD'74, has joined Morrison, Hershfield, Theakston & Rowan, Ltd., and is responsible for their boundary layer wind tunnel facility near Guelph, Ont.
CELIA JAN WONG, BA'74, who is studying at Columbia University's Graduate School of Journalism in New York, has been awarded a $1,000 scholarship by the New York Financial Writers' Association.

'75

REV. CARRIE DOEHRING, BMus'75, BTh'77, was inducted as a permanent minister of the Rockwood and Eden Mills Presbyterian Churches in Ontario.
GEORGE KACHANIWSKY, BEng'75, is now assistant smelter superintendent, Gaspé Copper Mines Ltd., Murdochville, Que.
MARY ELIZABETH PAPKE, MA'75, has become an English instructor at Illinois State University, Normal, Il.
SUZANNE VEILLEUX, BA'75, received a doctorate in social psychology from Yale University in New Haven, Conn. and is currently a visiting scholar at Yale Law School and a Bush Foundation post-doctoral fellow at Yale University's department of psychology.

'76

DONNA LOUISE FREY, BA'76, teaches at Dance Oakville in Oakville, Ont., and gives classes in dance and creative play at the Montessori School in Islington, Ont.
BARRY HARDCASTLE, MEng'76, has been appointed manager, environmental services, for BP Canada Inc., Toronto, Ont., and has been named to the Board of Governors at Centennial College of Applied Arts and Technology in Scarborough, Ont.
EDWARD ALLEN STEIN, BA'76, received a Doctor of Jurisprudence from the University of Pittsburgh School of Law last May and was recently admitted to the Florida bar.

'77

JAMES BLACKIE, BSc(Agr)'77, has been named the regional 4-H representative for the Carleton central region and will work out of Wicklow, N.B.
PAULA M. CARMODY, BA'77, received a Doctor of Jurisprudence from the Antioch School of Law, Washington School of Law, Washington, D.C. and has recently been admitted to the Maryland bar.
KAREN MOGELONSKY, BA'77, presently studying for a master's degree in McGill's archeology programme, has been awarded an Imperial Order of the Daughters of the Empire (IODE) scholarship.
ERIC PARTELPOEG, BEng'77, has been appointed process engineer at the Hidalgo Smelter, Phelps Dodge Corp., Playas, New Mexico.

'78

DONNA ABRAMOWITZ, BCom'78, is marketing information coordinator at Matthew Bender & Co., New York, N.Y.

'79

JANET E. DRUMMOND, BA'79, has completed a Master of Library Science at the University of Western Ontario, London, Ont. and is now working as a children's librarian for the City of Winnipeg Public Library.
NORMAND GOUGEON, DipMgmt'79, has been appointed director of planning and market research for St. Lawrence Cement, Montreal.
ROD D. MARGO, DCL'79, has published a book entitled *Aviation Insurance* and now works for Condon and Forsyth in Los Angeles, Calif.

'80

STUART BERGER, BSc'80, who is working towards a master's degree in biophysics at the University of British Columbia, has been awarded a National Cancer Institute grant.

SONIA HACKETT, MLS'80, has accepted a position as marketing representative with the University of Toronto Library Automation Systems.
GLENN SAUNTRY, BEng'80, was awarded the SNC Group's Dr. Arthur Surveyer Gold Medal for excellence in engineering studies.

Deaths

'10
DR. GEORGE W. RUNNELLS, BA'10, at Hudson, Que., on Jan.2, 1981.

'11
WILLIAM I. BREBNER, BEng'11, at Montreal, on Nov. 24, 1980.
HALDANE R. CRAM, BSc'11, at Ottawa, Ont., on Oct.18, 1980.

'12
DR. VERA (BROWN) HOLMES, BA'12, MA'13, on Nov. 19, 1980.

'14
CECIL ROY JOYCE, MD'14, at Toronto, Ont., on Nov. 23, 1980.

'15
EDWARD C. LITTLE, BSc'15, on Nov. 26, 1980.

'16
HON. WILFRED GIROUARD, BCL'16, on Oct. 26, 1980.

'17
GRACE (RITCHIE) RUTHERFORD, DipPE'17, at Montreal, on Oct.20,1980.
JENNIE (KLEIN) SCHACHTER, BA'17, on July 25, 1980.

'19
STORER BOONE, MD'19, at Presque Isle, Me., on Jan.3, 1981.
J.K. MacDONALD GREEN, BSc'19, at Montreal, on Nov.22, 1980.

'20
MOSES LEVITT, BCom'20, at Montreal, on Nov. 12, 1980.
MARGARET R. MacNAUGHTON, BA'20, at Montreal on Nov. 3, 1980.

'21
ESTHER (LEWIS) BATTLEY, BA'21, DipNur'33, on Aug.30, 1980.

'22
WILLIAM AUBREY MESSENGER, BSc'22, at Montreal, on Nov. 15, 1980.
J.GORDON ROBERTON, BSc'22, at Alexandria, Ont., on Oct. 24, 1980.

'23
HENRY B. ABBOTT-SMITH, BSc'23, at Ottawa, Ont., on Dec.31, 1980.
ARNOLD V. ARMSTRONG, BSc'23, at Toronto, Ont., on Oct.12, 1980.
CHARLOTTE (FREYVOGEL) DRISIN, BSc'23, at Montreal, on Nov. 17, 1980.
JACK HARRISON, MD'23, on July 17,1980.
ELIZABETH C. MONK, BA'19, BCL'23, LLD'75, at Montreal, on Dec.26, 1980.
JOHN O'BRIEN, Q.C., BA'20, BCL'23, at Montreal, on Dec.25,1980.

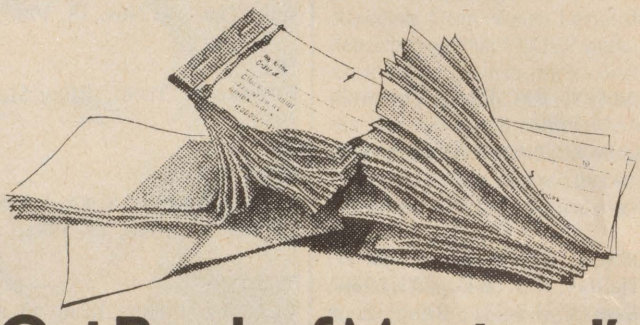
'24
WILLIAM EDWARD BAKER, MD'24, at Victoria B.C. on Sept.9,1980.
WILLIAM H. BARNES, BSc'24, MSc'25, PhD'27, at Ottawa, Ont., on Oct.25,1980.
PRESCOTT IRWIN, MD'24, on Aug. 9,1980.
GEORGE SHERMAN, MD'24, at East Lansing, Mich., on Oct. 28,1980.

'25
HARRY G. BENSON, DDS'25, at Ottawa, Ont., on Oct.18,1980.
EILEEN KEANE, DipPE'25, at Vero Beach, Fla., on Nov. 25,1980.

'26
JAMES P. COSTIGAN, BSc'26, at Boston Mass., on Jan. 13, 1981.
REGINALD B. COWAN, BSc'26, at Toronto, Ont., on Jan. 14, 1981.

'27
KENNETH M. DEWAR, BSc'27, at Oakville, Ont., on Jan 5, 1981.

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ALICE (MacKINNON) FRASER, BA'27, at Mississauga, Ont., on Nov.29, 1980.
FLORENCE (LOUIS) MILLER, BA'27, at New York, N.Y., on Dec. 17, 1980.
MICHAEL TUCKER, BEng'27, at Ste. Agathe, Que., on Jan.19, 1981.

'28
R. GRANT REID, MD'28, at Cornwall, Ont., on Nov.12, 1980.
ARCHIBALD SILVERMAN, BA'28, on Dec. 12, 1980.

'29
DOROTHY (PUTTEE) ANDREASEN, DipSW'29, at Springfield, Il., on March 28, 1980.
NORAH (SULLIVAN) GLASSFORD, BA'29, MA'31, at Montreal, on Jan. 20,1981.
FREDA K. MacGACHEN, BA'29, MA'31, at Montreal, on Dec. 17, 1980.
DOROTHY (TEAKLE) SPENCER, BA'29, at Montreal, on Jan. 19,1981.
MODESTO ZADRA, MD'29, at Montreal, on Oct. 31,1980.

'30
JOHN E. GODFREY, BSc'30, at Cornwall, Ont., on Dec. 18,1980.
R. STANLEY QUACKENBUSH, MD'30, on Oct. 22, 1980.

'31
JEAN (MacKINNON) RICHARDSON, BSc'31, MSW'63, at Halifax, N.S. on Dec. 23, 1980.
PATRICK J. SKELLY, BSc'31, BEng'32, at Lachine, Que., on Nov.18,1980.
CLARENCE TALPIS, BA'28, MA'30, BCL'31, at Montreal, on Oct. 15, 1980.
JAMES S. TAPP, MA'31, PhD'33, at Decatur, Al., on Nov. 2, 1980.

'32
PERRY BLUMBERG, MSc'29, MD'32, at New York, N.Y., on Nov.19,1980.

'34
PATRICIA BUDDEN, BA'34, on April 23, 1980.
WILLIAM J. DOWNS, MD'34, on Dec. 23,1980.
LORNE F.W. OGILVIE, BCom'34, at Cocoa Beach, Fla., on Jan.1, 1981.
PAUL G. WEIL, MD'34, MSc'39, PhD'41, at Montreal, on Oct. 13, 1980.

'36
HENRIETTA C. HETRICK, BA'36, at Ottawa, Ont., on Sept. 12, 1980.
PAULINE M. MOODY, BLS'36, at Waterbury, Vt., in March 1979.

'39
ISADORE DUBIN, BSc'35, MD'39, at Toronto, Ont., on Nov. 2, 1980.
DONALD R. FLETCHER, BEng'39, at Montreal, on Oct. 19, 1980.

'40
DOROTHY MAY BOYCE, BSc'40, at Montreal, on Oct. 8, 1980.

'41
J. ROSS CULLEY, BCom'41, on July 10, 1980.
R.K. THOMSON, BCom'41, on Sept. 15, 1980.

'43
PATRICIA (HANSON) KEMP, BA'43, at Toronto, Ont., on Dec. 9, 1980.

'44
EDITH (ORBANE) FRY, BSc'44, on Dec. 18, 1980.

'45
EMILE JOHN LUTFY, BCom'45, at Montreal, on Nov. 23, 1980.

'47
MOSES L. HERER, BSc'47, MSc'48, on Oct. 15, 1980.

'48
WENDALL B. RICHARDS, BSc'48, at Brussells, Ont., on Nov. 18, 1980.

'51
EDWARD L. TONG, BEng'51, on Sept. 30, 1980.

'52
SHEILA (GILBERT) SURA, BA'52, at Newmarket, Ont., on Jan. 13, 1981.

'53
CLAUDE LACOMBE, BEng'53, at Montreal, on Oct. 27, 1980.

'56
FRANK J. BLUM, BA'56, at Ottawa, Ont., on Jan. 18, 1981.

'59
ARLENE (ISRAEL) SKLAR, BA'59, at New York, N.Y., on Nov. 10, 1980.

'63
GUILFORD F. JAMES, BSc'63, at Montreal, on Jan. 15, 1981.

'64
DR. JAROSLAV FREI, MSW'64, at Mississauga, Ont., on Jan. 12, 1981.
CAROL ANNE (WOOD) VERGE, BN'64, at St. Catharines, Ont., on Oct. 23, 1980.

'70
TEWFICK KOSSEIM, MEd'70, at Montreal, on Jan. 1, 1981.

'71
KEITH A.("SANDY") MacLEAN, MSc'71, at Stewart, B.C., on July 3, 1980.

'79
STEWART KING, MUP'79, on Nov. 20, 1980.

'80
HOWARD C. CHONG, BA'80, at Sandakan, Malaysia, on Sept. 5, 1980.□

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SOCIETY ACTIVITIES

by *Gary Richards*,
executive director of the Graduates' Society

DAWSON ONCE, DAWSON TWICE

Close to 100 former "inmates" of Dawson College (1945 - 1950) turned out for the recently held reunion commemorating the 30th Anniversary of the former airbase cum McGill campus's closing. Pictured below, and obviously seeing the humour of it all, after 30 years, are Peter Kindersley, B.Eng. '52 of Glenns Falls, N.Y., and Vince Jolivet, B.Eng. '52 of Seattle, Wa.



"EM" Orlick known as Mr. Dawson during the College's brief five year history, is shown below right with wife Aggie, daughter Sandy and John Dinsmore, B.Eng. '52, of Montreal who acted as Master-of-Ceremonies.



Those attending the annual dinner meeting of the Graduates' Society board of directors at Martlet House, January 28, 1981, heard a revealing report on Quebec's CEGEP system and received a promising update on many Society programmes.

Give CEGEPs a Chance

"McGill graduates living in Quebec should seriously consider sending their children to CEGEP," said Dawson College Professor Robert Keaton, MA'69, invited to share his experience of CEGEPs with board members. Outlining the eleven-year history of the Quebec junior college system, which prepares students for a wide range of jobs or for university studies, Keaton said that all CEGEPs had taken great strides towards remedying their initial academic shortcomings. He noted, furthermore, that CEGEPs provide a well-rounded experience for students interested in both academic and non-academic activities. Echoing Keaton's remarks, McGill Associate Dean of Arts Leslie Duer said evidence proved that CEGEP students do as well as, if not better than, their counterparts from secondary schools outside Quebec. Pointing out that successful completion of a CEGEP programme provides direct access to McGill, Duer said he was amazed that so many young Quebecers refuse to consider a CEGEP education.

Society Business

Launching a discussion of business matters, Michael Richards, BA'60, BCL'63, chairman of the Graduates' Society Directory Committee, reported that almost 2,190 copies of the directory had been sold leaving 115 still available. New technology and computer assisted typesetting made the book a successful, self-financing venture. David McEntyre, BCom'67, noted the encouraging response to the Group Term Life Insurance plan and explained that the Insurance Committee is looking for ways to improve benefits and services. Reunion Chairman Bernie Moscovitz, BA'66, having been congratulated for last year's great success, outlined the plans for Reunion '81. More than forty class chairmen have already been selected—a good start toward the objective of eighty-one in '81.

Alma Mater Fund Vice-Chairman Keith Ham, BA'54, BCL'59, noting the increased membership in the three leadership gift clubs, said he was confident that this year's drive will reach its $1.5 million goal. And in the concluding report, Michael Richards said the branch programmes are enjoying the enthusiastic support of Principal Johnston and other university representatives who promote the Society's branch activities around the world, while continuing to emphasize McGill's role as an international learning and research centre. □

FOCUS
Heather Thomson



Harold Rosenberg

"I don't know what I would have done if the doors had not been opened," says Heather Thomson, BTh'77, remembering her decision to enter the Montreal Diocesan Theological College in 1976, despite the fact that the Anglican Church still excluded women from the clergy. "I only know I felt the call so strongly I couldn't deny it any longer." Equipped with this kind of determination, Thomson has become one of only fifty ordained Anglican women in Canada.

As a child, the now twenty-eight-year-old Thomson dreamed of preaching from a parish pulpit. Earning a bachelor's in theology, she did a subsequent year of practical training for a diploma of ministry. Faced with declining church attendance, an amalgamation of parishes, and prejudice against female ministers, she then found herself sanctioned but jobless.

Fortunately her academic training had broadened her view of the ministry, enabling her to find work. Today she is a pastoral animator in Lennoxville, Quebec at the Alexander Galt Regional High School— one of only four English schools in the province with both Protestant and Catholic students. Her job, shared by a male Roman Catholic counterpart, is "to serve as a Christian presence in school.

"I never know from one day to the next what kinds of problems are going to arise," she says. "That's what I enjoy about it." Having to adapt to whatever is needed, she describes her duties as those of chaplain, social worker, and guidance counsellor. Whether conducting a daily worship service or counselling a student with a drug problem, Thomson emphasizes the spiritual side of life. "I help kids to question religious ideas and struggle with some of their doubts," she says.

True to her childhood aspirations, Thomson admits that parish work is still very important to her. Spending five to six hours a week at St. George's Anglican Church in Lennoxville, she runs a youth group, helps with Sunday School, visits parishioners, and even preaches on occasion. "I enjoy being able to celebrate the Eucharist on a regular basis. At school, my Anglican background is played down to please all the other Protestant denominations represented there."

Although she does not rule out the possibility of having her own parish at some future date, she is not in a hurry. "Part of my reluctance to get into the parish setting is due to the expectations placed upon you," she explains. "You have to be at everybody's beck and call. I don't feel called to sacrifice everything. I also have a family, a farm, and other interests that go alongside. These are sustained by my spiritual life."

Having recently gone back to the land, Thomson and her husband, Jim Sweeny, who works as executive director of Camp Amy Molson, are revitalizing their newly acquired ninety-acre farm near Waterville. Married six years, they have a year-and-a-half old daughter Clair, who spends the day with a babysitter until her mother finishes school at 3:30. Her shortened workday plus generous vacations, Thomson says, have helped her combine parenthood and a career.

As a pioneer in her field, Thomson has cast Sweeny in the equally unconventional role of clergywoman's spouse. "It's hard on him at times, because people have certain expectations of what a clergy husband is supposed to be or say," she explains. But like his wife, Sweeny is a strong individualist, who despite her Anglican affiliation has retained his membership in the United Church. But denominational preferences aside, both meet with a small, weekly prayer group of children and adults for a meal, Bible study, and prayer. Relying heavily on prayer, Thomson says: "In the work I'm doing, I'm called upon to give out an awful lot. If I didn't have time to replenish myself through devotion and meditation, I'd soon become a pretty hollow person."

The decline in church attendance is one of the major challenges that Thomson must meet, and she does so directly and personally: "I don't feel it's necessary to be a nun or a Joan-of-Arc," she says. "I belong out in the world working with people on their level, not with the churchgoers, or the religious students in the schools." And the Church, she feels, unfortunately ostracizes many potential parishioners because they aren't members of the traditional family. "If you're single, divorced or gay, you get the message that the Church is not for you," she explains. "The Gospel is really there for the outcast; for those without hope. Too often, it is cast in completely the opposite light."

Thomson supports change within the Anglican Church as well as the growing phenomenon of Christian feminism. In her view, ordination is only the first step towards the acceptance of clergywomen. "In our liturgy, women have been ignored. Both God and the human race are being presented in only one way. My eyes are being opened in my own reading of the Bible to the many references that show God to be other than the Father," she says. "This has been played down over the years."

In spite of her criticism of the Anglican Church, Thomson wants to work as an agent of change from within. "I like to compare my situation within the Church to my position as an anglophone in Quebec. Though many people are leaving, I feel it's important to stay and work through the problems. I guess I'm the one who's supposed to push other people a little bit and say, 'Hey! This needs to be looked at again. This needs changing.!'" *Judee Ganten*□



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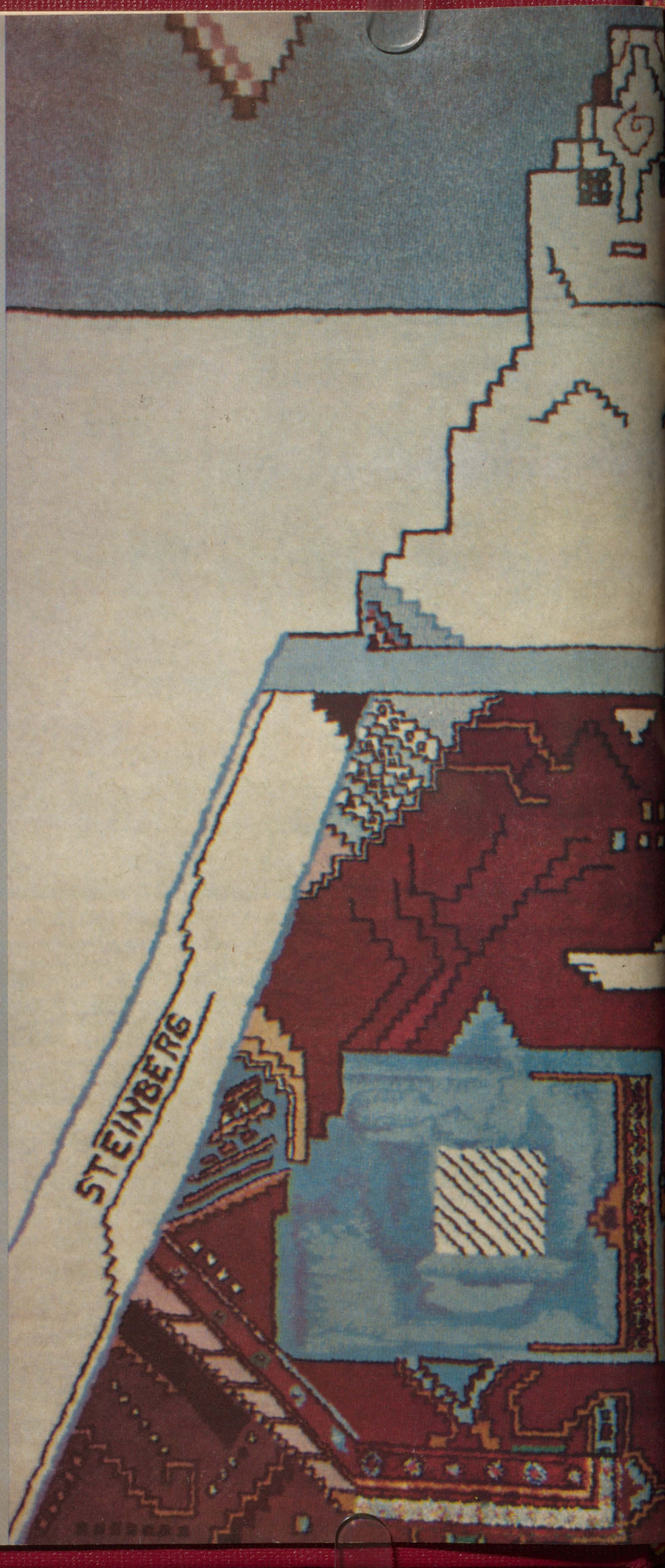
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Cover photograph: Pierre-Louis Mongeau

Cover: Attending the spring 1981 convocation, law students await their moment on stage at Place Des Arts.

McGill News

The official publication of the Graduates' Society, the *News* is sent without charge to all recent graduates and to all other graduates and friends who make annual contributions to McGill University.

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LETTERS

In defence of the verb divest

Commenting on the use of the word, "divest," in the McGill News, *Spring 1981 article entitled "The Serious Generation," the following poem was received by the editor:*

The verb "to divest" is a transitive verb
To deny it an object is clearly absurd.
If McGill in South Africa were to divest,
The object, as Nesmith writes, is "interest."
I think I should go there: "divest" means to strip,
And hope that the scene at the end of the trip
Would warrant the rather expensive investment
For watching an interest at its divestment.

Anthony Graham,
McGill Professor of Anatomy

A requiem for dead issues?

As students at the Royal Institution for the Advancement of Learning from 1968 to 1972, we are amused by Julius Grey's "A requiem for the sixties" (*McGill News,* Spring 1981). While Mr. Grey may have lost some of his hair, he has certainly retained his penchant for self-aggrandizement.

According to Mr. Grey, the campus after 1967 split into three camps: hard-line politicians, hippies who would periodically emerge from marijuana-reeking communes, and sensible moderates, led by Mr. Grey. The hippie "families" and the "politicians" saw their "movements" decline when people stopped paying attention. (This is our paraphrase but the quotation marks are Mr. Grey's.) Members of both these groups apparently met sorry fates. Some were "too used to drugs"; others "adapted very well" and went on to assume leading roles in business and government.

The sort of shallow, self-serving analysis presented in "A requiem for the sixties" does little to further an understanding of the political and social currents of those years. The issues raised and the way people raised them were more than a fad. An educational system based on frenzied competition, university investment in oppression abroad, academic isolation from the society which pays the shot, acceptance of Pentagon contracts – are these dead issues?

Mr. Grey concludes his requiem with the contention that "there was clearly no justification for radical political solutions for Canada." The welfare mother in Sydney, Nova Scotia, the native Canadian on the streets of Prince Albert, or the recent McGill graduate facing unemployment might disagree.

Perry Shearwood, BA'72
Jamie Swift, BA'72
Montreal, Que.

A poem, a bridge, and a microcircuit

In your Spring issue, you printed a rather interesting interview with Dean Vogel of the Faculty of Arts. Some of the more enlightening paragraphs were those where he expressed certain views about the professional faculties:

> The professional faculties don't belong in the university. They're sort of technical high schools. You know – medicine, engineering, dentistry – these are skills like plumbing.

I must admit that the suggestion that we in Engineering be outside the university has a certain attraction. I have often looked wistfully at the resources available to my colleagues at the Ecole Polytechnique (affiliated with the U. de Montréal, but with its own budget from Québec) who do not have to share the fruits of their increased enrolments with other faculties. The fact is, however, that I value the university environment, and I agree with Dean Vogel that it could not exist without the liberal arts, the "heart of the university."

Knowing Dean Vogel, I am sure that he made his statements with tongue firmly in cheek. Still, his remarks are symptomatic of attitudes that I have found very common among many colleagues in his Faculty: Arts and Science teach you to "relate to the universe," but that doesn't seem to include the Faculty of Engineering. Perhaps this is a good opportunity to set the record straight for those colleagues and for their many students who will be reading these pages.

First, let us dispel the notion that the pursuit of a useful end is somehow intellectually suspect. Newton, Gauss, and Lagrange were all involved in solving problems (often related to astronomy). There would be little left of science curricula if one were to remove all results that were obtained in the pursuit of useful ends. The solution processes of pure and applied science are the same: a theorem in applied mathematics must still be proved in exactly the same way as a theorem in pure mathematics. You can "learn how to think" just as well by solving applied problems as by pursuing "pure" objectives. As far as assessing the intellectual content, the issue of applied versus speculative is irrelevant.

Apparently, Dean Vogel's view of engineering education is that of a succession of "how-to" courses involving much learning of specific facts ("You take this pipe, see, and this flange, see, and you attach.."). This view of engineering is about 40 years out of date. As I tell my first-year students every year, we "got burned" in World War II, when engineers had to watch while physicists and mathematicians developed advanced systems such as gun control and radar. The engineers had been trained rather than educated, and could not adapt to anything that was so far away from the handbook. To correct this, we put much more science in our curricula, so that much of engineering education today is applied science, illustrated by practical examples. My final-year course in control systems has a theoretical content, and that involves proving theorems; the results are applied to servomechanisms and satellite control, and judged according to their applicability to practice rather than as mathematical solutions. Although we do have several project courses that teach real-world engineering, I think most employers today recognize that they must provide the final portion of the education of an engineer: we put in the basics, the industry supplies the specifics.

The study of engineering today is a rewarding, but highly demanding experience. Because of the large number of applicants, we are able to skim off the cream. It would be fair to claim that we have some of the best students in the university.

In closing, let me say that the world needs people with a broad background in all the facets of human thought. On the face of it, the liberal arts graduates, who can "relate to the universe and to other people" should fill the bill. Let me point out, however, that every year students graduate in Arts, from McGill and elsewhere, without a single course in physics, at any level; without any knowledge of modern biology; without the slightest idea of what a digital computer is and how it works. To live in the last quarter of the twentieth century is to live in a world where both the problems and solutions are closely related to science and technology. Any curriculum that fails to foster an understanding of the scientific and technological dimensions of the human experience cannot, in my view, provide the student with the kind of understanding of the world that should be the objective of a true liberal arts education. A poem, a sonata, a theorem, a bridge, a cathedral, a microcircuit: Are these not all products of the creative genius of man?

Pierre R. Bélanger, BEng'59
Chairman, Department of
Electrical Engineering

WHAT THE MARTLET HEARS

McGill's rowing revival

There's a revival underway at McGill. After almost four decades, the once-popular sport of rowing is making a campus comeback through the determined efforts of the McGill Rowing Club. Now ninety members strong, with limited experience but boatloads of enthusiasm, the Club intends to reestablish McGill as an important Canadian rowing centre.

The sport was introduced at McGill in 1924 by Colonel W. Bovey, a former Cambridge University oarsman, who conducted the first practices on the Lachine Canal. Over the next few years McGill's oarsmen established an excellent reputation, their most notable triumph being a silver medal at the 1930 British Empire Games. But the advent of World War II and Coach Urbain Molmans's death in 1939 ended rowing at McGill. Even after the war, the sport failed to attract the following it had had during the twenties and thirties.

Lately, the fitness fad has reawakened interest in participation sports such as rowing. McGill's Clubwas reestablished in 1977 after some enterprising students discovered the two-thousand metre mini-lake equipped with boats and indoor tanks at Montreal's Olympic Basin. But gaining access to these facilities, reputed to be the finest north of Mexico City, proved difficult. Although the Basin provided an excellent site, both for training and competitions, the McGill Club and other local rowing organizations were locked out in 1978. It took two years, numerous requests to City Hall, a brief to Mayor Jean Drapeau, and an energetic media campaign before the McGill Rowing Club finally secured adequate use of the Basin. It then remained for Club members to train themselves for competition.

Under the instruction of three volunteer coaches, Club members, half of whom are women, began a rigorous training programme last fall. Weight-lifting, running, and twelve hours of sweeping and skulling in the indoor tanks helped shape competitive crews. Club Executive Director Rob Baxter says, "Rowing is one of the few sports that is really a team sport in which every member must be coordinated. If one person is off it can throw everybody off."

At the beginning of May, the Club entered its first regatta at Skidmore College in Saratoga, New York, where much to the surprise of McGill's inexperienced scullers, their lightweight four-man crew placed first in one race. That same crew swept to a second place finish at the Canadian University Invitational Championships held in Montreal two weeks later. Although the McGill Rowing Club ended the day in last place, as newcomers to the sport, they were pleased with their performance. Over the summer twenty Club members will continue training, taking the much-needed opportunity to practise outdoors in preparation for three or four more regattas. They have also agreed to conduct a rowing clinic for high school students sponsored by the Royal Bank.

In order to compete effectively with teams in Canada and the United States, Baxter feels the McGill Rowing Club will need a full-time programme with more consistency in coaching and recruiting than they have been able to achieve over the past year. Nonetheless, McGill's rowing revival is off to a good start. "There's a tremendous potential here," Baxter says. "I hope it's developed." *Alison Nesmith* □



McGill Rowing Club men's heavy-weight crew returns from a rigorous Olympic Basin workout.



Stationed at the stern, a McGill coxswain readies her eight-man shell for competition.

Have you seen your doctor lately?

If you've not yet had your yearly medical — maybe you shouldn't bother. According to Dr. Walter Spitzer, McGill professor of epidemiology and health, "The indiscriminate approach of annual checkups — the same way for everybody — is largely ineffective and wasteful and could divert attention from real problems."

Doctors have long doubted the worth of non-specific annual examinations. As Spitzer says, "A lot of experienced practitioners were taught 'an ounce of prevention is worth a pound of cure,' but they'd see, after giving their patients yearly checkups for fifteen or twenty years, how little payoff there was." Many doctors also began to suspect that attempts to make an early diagnosis might actually do more harm than good. For example, a doctor feels obliged to investigate abnormalities that appear on an electrocardiogram, even though such irregularities are common and most often harmless. The unfortunate patient may be subjected to further examination, needless anxiety, and loss of work. They may even take on the role of a sick person before finally being pronounced healthy.

Aware of the medical profession's skeptical approach to checkups, the Conference of Deputy Ministers of Health appointed a Task Force, chaired by Spitzer, to inquire into how periodic examinations could be more intelligently used for health protection. Starting in September 1976, Spitzer with his nine-member Task Force gathered information from forty-eight medical consultants who based their findings on scientific evidence. From this data, it was ascertained that instead of non-specific annual checkups, selective periodic examinations based on age and sex should be used.

The guidelines for these selective checkups, published in an abridged report appearing in the *Canadian Medical Association Journal* in November 1979 and in a complete monograph published last November, were drawn up as a series of "health protection packages," each of which identifies a number of conditions for which individuals at a given age are at risk. It then recommends what detection and prevention procedures are to be administered.

Beginning with the prenatal state, the Task Force outlined a schedule that varies little from current procedures. But the programme includes fewer medical visits than usual during infancy and childhood. At specific points over these years, doctors should be checking a child's immunity — against polio for example; screening for congenital defects; and testing development. "From age sixteen to age sixty-four," the Task Force reports, "the ability of the human body to protect itself is generally at its peak." Consequently, an annual trip to the dentist and certain preventive procedures whenever a doctor is visited will suffice. At age forty-five annual checks for cancer of the colon and rectum are recommended. Women aged fifty to fifty-nine should also be screened for breast cancer. At age sixty-five it is suggested that people undergo regular examinations in order to detect degenerative disease and cope with post-retirement stress.



Dr. Walter Spitzer believes it is up to Canada's medical profession to promote the Task Force recommendations.

But how will these findings affect health care in Canada? Spitzer estimates that, according to 1978 prices, an approach to health care such as they have recommended would save at least $200 million from a $7 billion medicare budget. But neither federal nor provincial governments has shown signs of implementing the recommendations. The Australian government, on the other hand, has ordered one copy of the study for each of its doctors and medical students.

As far as Spitzer is concerned, the real initiative lies with the medical profession, and its members have been extremely receptive to the Task Force findings. Spitzer says that the reaction of many doctors in Canada has been — "Wow! This is what we always knew in our heart of hearts, but didn't dare say." □

Alison Nesmith

McGill acquires Montreal Standard-Thomson Newspapers art collection

Drops of rain bead the corners of a sculpture poised on the terraced stairway fronting the Administration Building. In the overcast, late May light, the soft green solidity of its bronzed form rests comfortably beneath the yellow green of the new leaves of an overhanging tree. Sculptor Barbara Hepworth would be pleased with the location selected by McGill for her work of art — one of some seventy-five pieces comprising the Montreal Standard-Thomson Newspapers art donation.

This collection of modern Canadian art was assembled by the late John G. McConnell, BA'33, former publisher of the *Montreal Star* and president of Montreal Standard Inc. McConnell, who served as a member of McGill's Visual Arts Committee from 1972 until his death in 1974, enjoyed frequenting Montreal's Walter Klinkhoff and Theo Waddington Galleries. Here he began buying the reasonably priced works of many promising artists. And it was from these purchases that McConnell mounted what was to become the Montreal Standard-Thomson Newspapers art collection in the Montreal Star and Standard offices on Craig and St. James Streets.

With the demise of the *Montreal Star* on September 25, 1979, the disposal of the

Campbell Tinning painted this water colour, "Okanagan," belonging to the Montreal Standard-Thomson Newspapers art collection.



artwork decorating the publishing complex fell under the jurisdiction of the sister company—the Montreal Standard and specifically under the aegis of its Vice-President and General Manager A. Keith Buckland, BCom'40. "The clean-up was in my court," explains Buckland. Overseeing the storage of the collection, he then went to Toronto and proposed to Thomson Newspapers Ltd., the new owners of the *Star* and the Standard that for tax purposes it would be advantageous for them to donate the artwork to McGill University. And their Chairman of the Board Ken Thomson, although not a McGill grad, was quick to agree.

The McGill Visual Arts Committee plans to allocate specific campus locations for a limited number of the recently received collection. The large, modern impressionist paintings by husband and wife, Bruno and Molly Bobek, for example, will probably be hung in a group to create an overall effect of warmth and light. While some fifty-six pieces are being made available to staff members who wish to display them in their lobbies or offices, "the general policy," reports Chairman of the Visual Arts Committee Bruce Anderson, BArch'64, "is to hang the paintings in public places rather than in private offices to benefit the students and the general public."

Of note among the collection of which McGill took possession in January 1981 are "The First Snow" and three other canvases by Henri Masson; Jean McEwen's fiery abstract "Init. d'un Rouge #91"; an André L'hote depicting a colourful Matisse-like still life of tropical plants; and a revolving mosaic disc by Jean-Paul Mousseau similar to those he designed for the Peel Metro Station, which will be mounted in the basement of Redpath Hall. Already installed on campus are the Hepworth sculpture and "Growth," a copper pipe construction by Gord Smith that can be seen in the McLennan Library lobby.

When the Smith sculpture was being assembled, people complained that money should not be spent on it while there was a university-wide hiring freeze and a mounting deficit. "But," Anderson explains, "the Principal and Chancellor agreed to finance any costs related to the moving and installation of these works from their discretionary funds. And, he adds, "these costs have been negligible to the university."

Considering the increasing value of these works and the enjoyment they will provide future generations of McGill students and staff, the Montreal Standard-Thomson Newspapers art donation is a welcome arrival. While in McGill's custody, the collection will be made available to the public in the city where it was collected and at the alma mater of its collector—J.G. McConnell. As Thomson is reported to have said of his gift to McGill: "I'm pleased that the artwork could be disposed of within its own environment."

Charlotte Hussey □



A Montreal Standard-Thomson Newspapers collage by Ronald Chase is entitled "L'Enfant des Cartes et d'Estamps."

Spectrometers: revealing the molecular world

What is moon rock made of? What are the pollutarts in our water supply? What gives a new pain-killer its analgesic properties? Scientists seeking answers to these questions turn immediately to one of a group of sophisticated machines called spectrometers. These machines perform a kind of chemical detective work, breaking down substances to produce a graph, or spectrum, of their components.

Various kinds of spectrometers are found in several McGill departments such as agricultural chemistry and physics, geological sciences, medicine, and chemical engineering. But the largest concentration of these powerful analytical tools is housed in the chemistry department's recently opened Spectroscopy Instrument Laboratory. The official opening in May 1980 also served as the unveiling of three new spectrometers. According to Department

continued next page

Chairman Mario Onyszchuk, BSc'51, PhD'54, the sensitivity and computer facilities of the new acquisitions give McGill "a capability in molecular analysis comparable to the best available in North America."

Funding for the new machines came from a variety of sources-among them the Natural Sciences and Engineering Research Council (NSERC), the Faculty of Graduate Studies and Research, and from research directors in the chemistry department through their NSERC operating grants. The equipment will be operated primarily by students and staf. Industrial concerns, however, have been invited to make use of the machines as well, since they are too expensive for many companies to purchase for their limited needs.

"The computers attached to the new spectrometers will certainly speed up chemical research,' explains Professor Alan Shaver. "In addition to storing spectra, they collect data very rapidly, performing complex mathematical calculations, giving us up to 64,000 data points in seconds. Problems that my colleagues could not even attempt before can now be solved within weeks."

Each member of the chemistry department's new spectrometer family – a Du Pont High Resolution Mass Spectrometer, a Varian XL 200 Nuclear Magnetic Resonance (MNR) Spectrometer, and a Nicolet Fourier Transform Infrared (IR) Spectrometer – provides different information about the molecule. "It's something like taking pictures of the interior of a house through different windows," says Professor David Harpp. "No one 'picture' tells the whole story about the molecule, but it provides a lot of clues about the structure and identity of the substance we're analyzing." Mass spectrometers, for instance, give a spectrum of the weight of the parts of a molecule, from which the empirical formula can usually be determined.

The MNR spectrometer, although less sensitive than the mass spectrometer, is easier to use and can analyze solids, liquids, and gases. In addition to making use of the Fourier Transform technique, the new machine has a super-conducting magnet (47 kG) that makes it much more sensitive than McGill's older models. The new MNR spectrometer applies the principle that certain nuclei line up when placed in a magnetic field and subjected to radio waves. The energy emitted when they return to their original state varies with their position in the molecule. Thus, information about the positions of these nuclei in complex molecules is recorded on the spectrum, and certain aspects of the molecule's structure can be deduced.

The IR spectrometer, like the MNR spectrometer, can analyze substances in any form and is frequently used by companies trying to detect the components of a competitor's product. This instrument takes advantage of the vibrational motion of atoms in molecules by irradiating the sample with infrared light and detecting which wavelength has been absorbed. Identification of various units within the molecules is thereby possible.

Spectrometers provide an essential service to the scientific community. They help researchers verify or modify their work. Without the information spectrometers provide, scientists such as Dr. Bernard Belleau, PhD'50, (who synthesized a new pain-killer) and Dr. Kelvin Ogilvie (who is working on the synthesis of genetic materials) would have difficulty substantiating their latest breakthroughs. Indeed, as Harpp says, "Spectrometers are the workhorse of chemical research anywhere in the world." *Cynthia Taylor* □

Bookshelf

The following are capsule summaries of books by McGill alumni and faculty members:

O.A. Battista — *Quotoons: A Speaker's Dictionary,* New York: Perigee Books, G.P. Putnam's Sons, 1981. O.A. Battista, BSc'40, has alphabetized by subject some five thousand of his own epigrams. Starting with "ability" and ending with "zipper," this is a collection of speech and conversation sparklers for any occasion.

Edward J. Burger, Jr. — *Science at the White House: A Political Liability,* Baltimore, Md.: The Johns Hopkins University Press, 1981. Drawing on his experience in the White House Office of Science and

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SunLife du Canada



This line-drawing by Alfred Pellan reveals his skill as a draughtsman.

Technology, Edward J. Burger, MSc'54, MD'58, examines the conflict between scientific analysis and consensus-based decision-making in relation to health care policy, medical research, and environmental protection.

Maurice Dongier and Eric D. Wittkower, eds. — *Divergent Views in Psychiatry,* Hagerstown, Md.: Harper & Row Publishers, 1981. As editors of this collection of essays Chairman of McGill's Psychiatry Department Professor Maurice Dongier and McGill Emeritus Professor Eric D. Wittkower present differing views on such issues as diagnosis, psychotherapy, psychoanalysis, behaviour and dynamic psychotherapy, electroconvulsive therapy, and psychosurgery.

Marian Engel — *Lunatic Villas,* Toronto: McClelland & Stewart, 1981. In this her seventh novel Marian Engel, MA'57, creates the world of Ratsbane Place, a once-trendy street of row houses in Toronto. The story centres on Harriet Ross whose complicated life includes two mad sisters, a houseful of children, a secret lover, uncertain employment and Mrs. Saxe, a mysterious guest.

Reesa Greenberg — *The Drawings of Alfred Pellan,* Ottawa: National Museums of Canada, 1981. In this first full analysis of Canadian surrealist Alfred Pellan's drawings, Reesa Greenberg, BA'67, shows that Pellan coloured over many of his sketches. Some of these rare "lost" drawings reveal the basis of his most famous compositions.

Arvind K. Jain — *Commodity Futures Markets and the Law of One Price,* Ann Arbor, Mi.: Division of Research, Graduate School of Business Administration, University of Michigan, 1980. Number sixteen in the Michigan International Business Studies Series, this book by McGill Associate Professor of Management Arvind K. Jain examines the "law of one price" in international trade theory. It provides information about foreign exchange and organized commodities markets, showing that commodity futures markets are not internationally integrated.

Estelle R. Jorgensen, ed. — *Proceedings, McGill Symposium in School Music Administration & Supervision, 1979,* Montreal: McGill University, Faculty of Music, 1980. This collection of nine papers by leading music educators, researchers, and educational administrators edited by McGill Department of School Music Chairman Professor Estelle Jorgensen is a valuable reference tool in music education.

Bryan M. Knight — *Enjoying Single Parenthood,* Toronto: Van Nostrand Reinhold Ltd., 1980. Based on the practical knowledge gained from his nine years as a single father and on the experiences of some one hundred other divorced, widowed, separated, or unmarried individuals, Brian Knight, MSW'67, has created a comprehensive guide to life in the single-parent home.

Yvan Lamonde — *La philosophie et son enseignement au Québec (1665-1920),* Montreal: Hurtubise HMH, 1980. In this study of the social significance of philosophy teaching, Assistant Professor Yvan Lamond, director of McGill's French Canadian Studies Programme, analyzes Quebec's philosophical tradition as it relates to the international evolution of philosophy.

Nicolas Mateesco Matte — *Treatise on Air-Aeronautical Law,* Montreal: McGill University, Institute and Centre of Air and Space Law, 1981. Technological advances; the replacement of the concept of luxury transport for businessmen by that of mass tourist traffic; and the use of aircraft as a target for terrorism have given rise to many developments in air-aeronautical law. This treatise by Professor Nicolas Mateesco Matte, director of McGill's Institute of Air and Space Law, presents all the legislation that has followed developments in aviation.

Joy Parr – *Labouring Children: British Immigrant Apprentices to Canada, 1869-1924,* Montreal: McGill-Queen's University Press, 1980. Joy Parr, BA'71, has used various original sources in compiling this account of the immigration to Canada, between 1868 and 1924, of eighty thousand British children who were apprenticed as agricultural labourers and domestic servants. The book examines the motives of the evangelicals who organized the movement and the conditions that awaited the children upon their arrival in Canada.

Martin Puhvel – *Beowulf and Celtic Tradition,* Waterloo, Ont.: Wilfred Laurier University Press, 1979. Are we indebted to Celtic folklore for Beowulf's heroic struggle against Grendel and his mammoth mother? McGill Associate Professor of English Martin Puhvel, BA'53, MA'54, theorizes that we are in this his recent evaluation of the possible influences of Celtic tradition on the Anglo-Saxon epic "Beowulf." □

Newsbreak

Dr. Richard Cruess, chief of orthopaedic surgery at the Royal Victoria Hospital, becomes McGill's new dean of Medicine in August. In September **Michael Cartwright,** associate professor in McGill's French language and literature department, will become the new assistant vice-principal (academic).

Saved from a complete shutdown through an arrangement with the University of Toronto Press last October, the **McGill-Queen's University Press** has announced the retirement of Director **Donald Sutherland,** who was succeeded by two co-editors on June 1. Professor of Philosophy **David Fate Norton** is in charge of the Press editorial office at McGill, while English Professor Kerry McSweeney occupies the co-editor's post at Queen's.

McGill Law Professor **William Tetley, Q.C.,** BA'48, received the Albert Lilar Prize for the 1978 edition of his book, **Marine Cargo Claims.** The unique prize is awarded every three years by ten jurists in Antwerp, Belgium in recognition of an "outstanding contribution to international maritime law."

As of February 23, 1981, McGill's Marine Sciences Centre became known as the **Institute of Oceanography.** The Institute continues to be involved in biological, geological, and physical oceanography from the Arctic regions to the tropics.



From the left: Janet Biewald, Vice-Principal Eigil Pedersen, Gordon Brabant

Janet Biewald, BEd'81, won the Muriel V. Roscoe Award presented to the graduating female student who has demonstrated proficiency and leadership, particularly in intercollegiate sports while at McGill. The winner of the Major D. Stuart Forbes Trophy for the male student who brings most credit to the university through his athletic achievements was **Gordon Brabant,** MD'81.

Today magazine's recent survey of the country's one hundred most praiseworthy things — from the finest knit sweater to the tastiest pizza — listed **McGill** as the "best university" in Canada. □

The Montreal procedure

An operation for focal epilepsy developed at the Montreal Neurological Institute is described in the following diary
by *Dr. Victoria Lees*

Although the architecture might be called "Scottish baronial," the work going on inside is twentieth century modern. In the Montreal Neurological Institute (MNI) and Hospital (MNH), scientists in twenty-five research labs are attempting to solve the most baffling mystery of nature, the human brain.

The brainchild of Dr. Wilder Penfield, the "Neuro" was built in 1934, expanded in 1953, and almost doubled in size by the addition of the Penfield Pavilion in 1978. Constructed with financial support from the Rockefeller Foundation, the city, the province, and private citizens, the MNI was the first centre in Canada that specialized in research, teaching, and treatment directed towards disorders of the brain and nerves. It is still the only neurological institute in the country. Cerebral arteriography (x-ray visualization of arteries in the brain after injection of a radiopaque contrast medium) was first used at the MNI. Electrical recording from muscles and nerves (electromyography), now a common procedure, was developed for the first time in Canada in MNI labs. The Institute acquired Canada's first neurochemistry laboratory, first radioisotope lab, first CAT scanner, and first neuro-ophthalmology unit. Latest on the roster is the first positron emission tomograph, a revolutionary new tool for depicting the brain that was designed and built at the MNI. Supplying isotopes for the machine is North America's first mini-cyclotron. This nineteen-ton baby, delivered from Japan in March, was christened in May and is now fully operational.

Research carried out by the MNI staff of seven hundred clinicians and scientists can be divided into three major areas—neuromuscular diseases, cerebrovascular disorders, and epilepsy. And it is with this final area that the following article deals, providing us with a detailed and informative look at an epilepsy operation as viewed from an operating room gallery by the author, MNI Associate Director (Publications) and former McGill News *Editor Victoria Lees, PhD '77:*

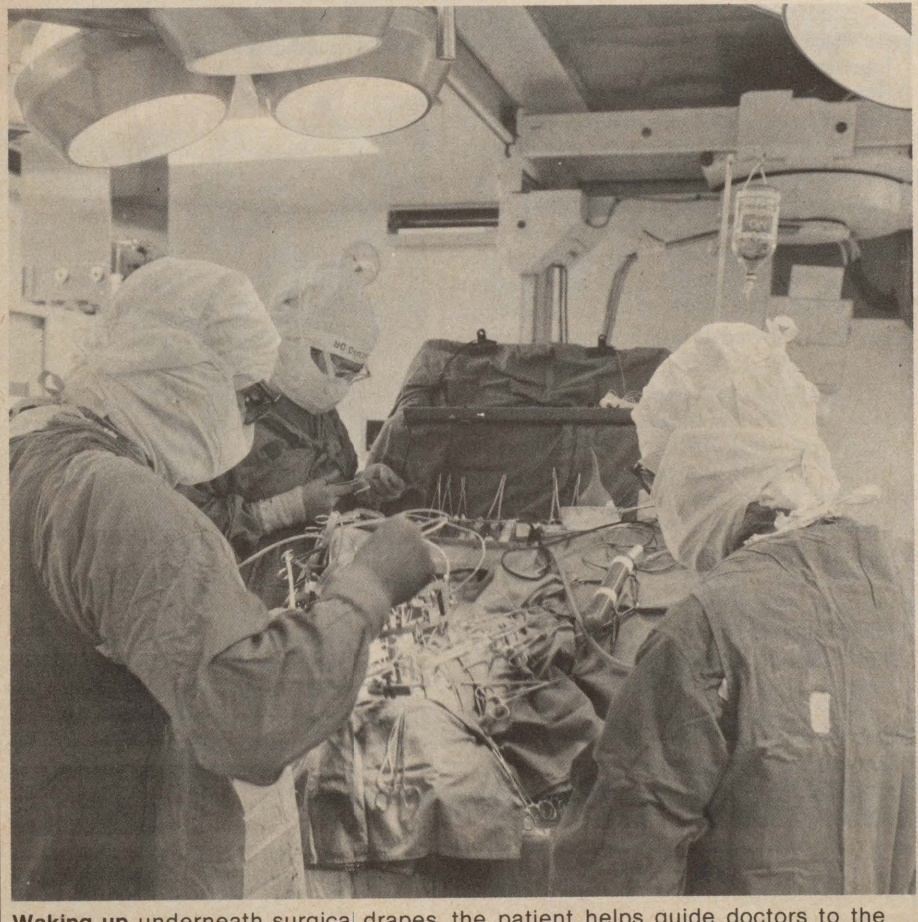
9:00 The first thing you notice about an operating room is how quiet it is — quiet, cool, and focussed. Outside, on this summer morning, trucks rumble along Docteur Penfield Avenue, sirens scream up University Street. Within the building, breakfast trays are clattering down the halls, secretaries whisking covers from typewriters. In OR 3, however, it is almost silent: the surgeons are about their exquisite work. For the next eight to fourteen hours, OR 3 will be the centre of the universe for them. The chief resident in neurosurgery, Dr. Richard Leblanc, is "opening up" for "the Chief." Swathed as he is in voluminous Lawrence-of-Arabia garb, I recognize him only by his stance.

The operation being performed today is called, in technical parlance, a craniotomy and excision of epileptogenic focus; most neurosurgeons know it simply as "the Montreal procedure." It was devised and developed here in this building by Dr. Wilder Penfield. Although the technique has spread around the globe, to this day more operations for focal epilepsy are performed at the MNH than anywhere else in the world.

9:15 Of the patient, only the shaven head is visible. She is covered in green sheets, and an elaborate system of bars and drapes built over her supine body supports a table covered with instruments. The anesthetist, Dr. Davy Trop, carefully adjusts valves and tubes. The patient must sleep only until the brain has been exposed. After that, she will be awakened to help the team.

The surgeon knows both where he must cut to remove the source of the seizures, and where he must not. Speech and memory, the factors that make us human must be conserved at all costs.

The patient is a twenty-one-year-old American woman. Since early childhood she has had periodic seizures, interruptions to her consciousness during which the nerve cells in the brain become hyperexcited and begin firing random messages to the body. Many times a day she experiences episodes of uncontrolled behaviour — she staggers around aimlessly, and then loses consciousness. No amount or combination of medication controls the seizures. She is fortunate, however—neurologists have discovered that the attacks are triggered by a localized area of the brain that



Harold Rosenberg

Waking up underneath surgical drapes, the patient helps guide doctors to the damaged area of her brain.

can be surgically removed.

9:30 The nurses glide around the theatre, quick, efficient, and silent in their cloth-covered shoes. A tiny Philippino nurse, standing on a stack of stools, organizes the doctors' tools while another picks up discarded swabs. They are, both of them, "Neuro nurses" through and through—trained here in the country's only post-graduate course for neurological and neurosurgical nursing. To date over 1,080 nurses have completed the course and returned to their homes, taking their expertise to hospitals around the world.

9:45 The pace in the operating room is deceptively relaxed and leisurely. A curved incision is made into the patient's shaven scalp, a window is cut through the skull. The dura, the brain's film-like covering, is cut open and folded back so that a section of the brain the size of a saucer lies exposed, convoluted pearl traversed by throbbing red arteries.

The brain itself is a three-pound mass of pink-grey jelly, composed of some 100 billion neurons. In 350 B.C. Aristotle picked a brain apart and dismissed it as uninteresting mush that could have little to do with behaviour or the senses because it didn't respond to touch in a living animal. Early scientists decided that the heart was the true centre of man's being and that the brain's function was to "cool the blood."

Over seventeen hundred years ago Galen demonstrated that pressing the brain too hard caused unconsciousness. But it wasn't until the seventeenth century anatomist Thomas Willis popularized the brain in detailed and accurate drawings by Christopher Wren that neurological research truly began. Epilepsy, however, remains a perplexing mystery.

11:30 The chief surgeon enters the theatre and glances around as he dons his surgical tabard and plastic apron. He is a man used to command—the atmosphere in the theatre stiffens.

The surgeon is William Feindel, MD'45. A graduate of Acadia, Dalhousie, McGill, and Oxford; a Rhodes scholar, holder of several honorary degrees, an accomplished musician and a fluid writer, he is cast in the same mould as his teacher, Wilder Penfield. Feindel is the third director general of the MNI, and surgery for focal epilepsy is his specialty.

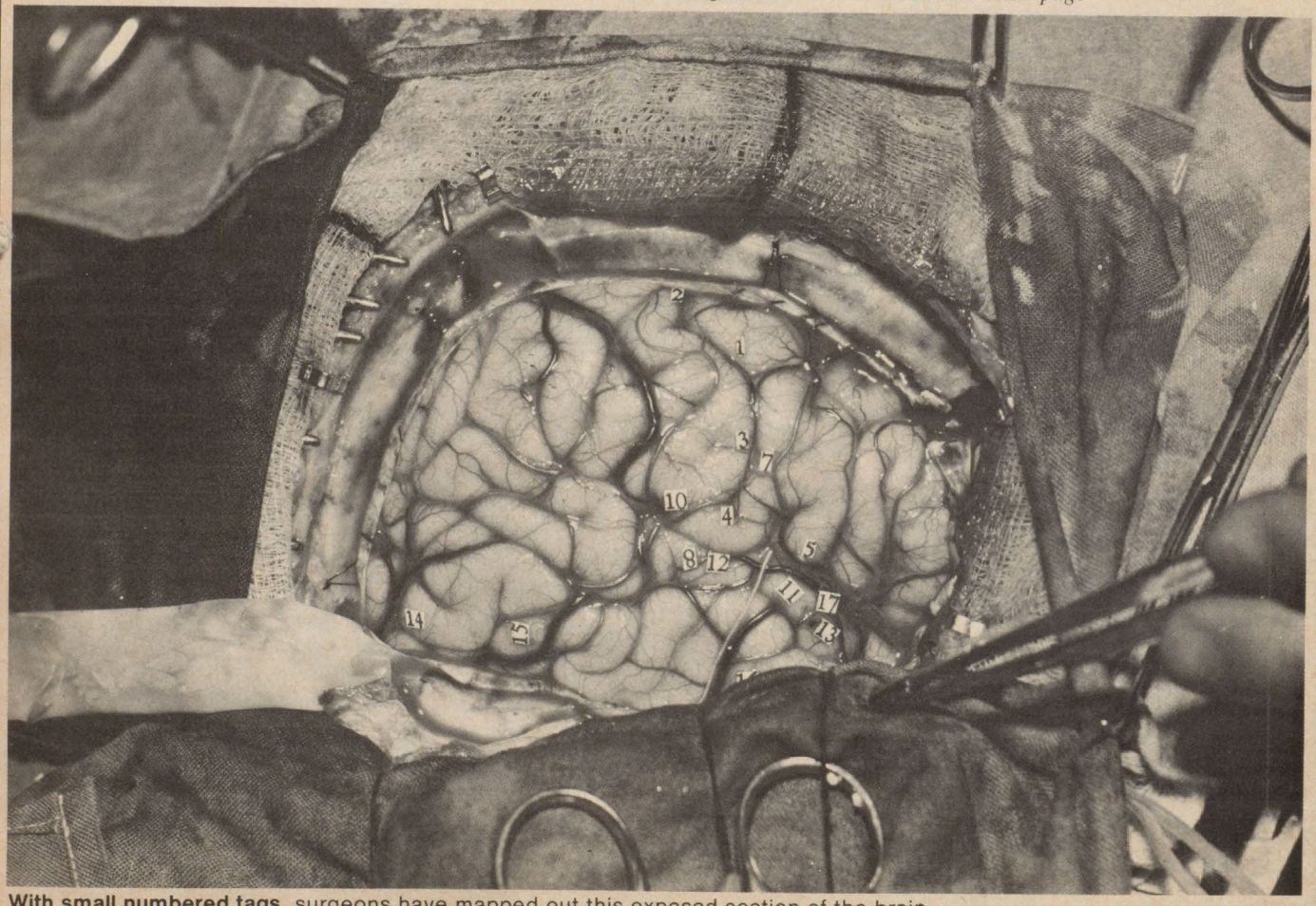
Epilepsy was once called "the falling sickness"; the old term always reminds me of epileptic children I have seen in the Neuro corridors who wear football helmets to protect their head when they fall, as they do perhaps twenty or thirty times a day. Covered with cuts and bruises, they look like prize-fighters. The sports analogies are cruelly ironic, for the children are often social outcasts. Until recently epilepsy was considered incurable. Although by 400 B.C. Hippocrates realized that seizures were caused by the brain, most people continued to attribute them to supernatural forces. To rid the convulsive limb of the demon within, barber-surgeons resorted to amputation. Up to a half-century ago, most epileptics were shunned or shut away in asylums.

Penfield believed epilepsy was not a disease, but a symptom of something awry in the brain. And his persistent investigations showed that epilepsy is literally an electrical explosion brought on by an excessive charge accumulating frequently in a damaged part of the brain. The damage itself results from many things—inadequate oxygen or improper head compression at birth, a fall, a blow, a high fever. Doctors now see seizures as simply a symptom of something going wrong with the brain. Just as the lungs react by coughing, the brain reacts to any irritation or damage by having a seizure.

12:00 "Are you awake now, Christine?" the surgeon asks. The anesthetist takes up his post behind the sheet that shrouds the patient's face and body and reassures her with a few words. The clasp of a doctor's hand must be an inestimable comfort when one awakes under a green tent in an operating theatre, one's brain exposed, surrounded by masked and shrouded figures. In the hours to follow the rapport between patient and physicians will be much in evidence, much in demand.

12:15 The electroencephalographer arrives in the gallery beside me and takes up his position at the console. He is, in effect, the surgeon's scout; his interpretation of the squiggles spewed out on the continuous

continued next page



With small numbered tags, surgeons have mapped out this exposed section of the brain.

Continued from page 9
paper before him will guide the surgeon's hand as he excises the damaged area of the brain.

The "EEG-man" is Pierre Gloor, PhD'57, head of the Neuro's electroencephalography department. A grey-bearded Swiss, in appearance everyone's idea of a kindly German uncle, he is a world-renowned neurologist. At his side stands a young man who has just completed his residency at the Neuro, Paul Hwang, MD'74. Within weeks he will leave to take up a post in Denver, Colorado, and so become one of the Neuro's five hundred "former fellows." Dr. Gloor treats his young colleague courteously; together they adjust the dozens of switches on the machine.

Canadian electroencephalography was developed at the MNI. On a trip to Rhode Island in the thirties, Wilder Penfield was taken to meet a young researcher. "In the basement there was a maze of chicken-wire," Penfield was later to write. "It served, I was told, as an electrical shield. Inside the maze was a young man, moving about like a bird in an aviary. This was a rare bird, a *rara avis,* Herbert Jasper, a young man driven by one unquenchable idea after another. He could, he said, localize the focus of an epileptic seizure by the disturbance of brain rhythms outside the skull. I doubted that, but hoped it might be true... In general, I wanted proof." Penfield got his proof; in less than two years Jasper and his equipment formed Canada's first electroencephalography unit at the MNI. Electrocorticography (the direct recording of the brain's electrical activities during operation) was developed there for the first time in the world.

The MNI still maintains a strong lead in the field. The EEG department produces a fair proportion of the 150 research papers that come out of the Neuro every year; Dr. Gloor this year received the prestigious Michael Prize for his work in epilepsy.

12:30 The long and painstaking process called "cortical localization" begins. The surgeon must determine exactly where certain functions are located on the brain's surface for in every individual the pattern is slightly different. The brain, source of all feeling, paradoxically has no feeling of its own—the surgeon can probe and cut, and the patient feels no pain. But before he can even begin to remove the trigger-point for the seizures, he must map out what area of the brain controls what physical functions. The doctor touches a spot on the exposed brain with an electrode carrying one volt of electricity, and asks the patient what she feels. "Nothing," she replies. The surgeon marks the spot with a small numbered tag of sterile paper. "And now?" he asks, "My fingers tingle," comes the voice from beneath the drapes. Another tag is dropped on the brain. "And now?" "I feel strange." "The way you feel before a seizure?" "Yes," the patient replies. In half an hour the brain is covered with numbered confetti, and the surgeon knows both where he must cut to remove the source of the seizures, and where he must not. Speech and memory, the factors that make us human, must be conserved at all costs.

It was in exactly such circumstances that Penfield made pioneer discoveries about the human brain. During an operation in 1931, he stumbled upon a patient's invisibly recorded past—his probing suddenly brought forth from the patient an account of a long-forgotten experience. The incident led to new insight into the strange mechanisms of human memory, of how the brain records every waking sight and sound.

Today, work on memory is carried out at the MNI by Brenda Milner, PhD'52. An eminent researcher, one of Canada's six Medical Research Council scholars, a fellow of both the London and Canadian Royal Society, she heads the neuropsychology department that tests every epilepsy patient who faces surgery in order to determine on which side of the brain speech is located.

13:00 The neurophotographer enters the gallery, summoned by the surgeon. Photographs of the brain and its numbered tags will be filed for future reference. Records of the two thousand patients operated on for focal epilepsy at the Neuro constitute an invaluable data bank. From these files we know, for instance, that 50 per cent of patients operated on are completely seizure free, and an additional 25 per cent can control their attacks with medication.

15:30 The long hours tick by as the doctors patiently work their way into the brain, down to the old scar causing the seizures. They must remove every tiny blood vessel adhering to it. Last year 617 operations were performed in the Neuro's four operating theatres. Patients with troubles of the spine, the brain, and the nerves all arrive at the Neuro's door. And, of course, not all of them end up on the operating table. Neurosurgery is the last recourse after medical management fails.

16:00 The surgeon removes the block of epileptic tissue with a suction apparatus. Brain tissue is of the consistency of day-old jelly. Bleeding is controlled by clips and cauterization.

I have watched many people as they observe this operation. No one remains unmoved by what they see, by the technical skill of the surgeons, their gentleness and humanity, by the patient's courage through the ordeal. Most affecting, however, is the brain's vulnerability and at the same time, its amazing resiliency. Extraordinary organ, it performs its myriad functions on very cheap fuel—sugar and oxygen. Unable to store any of that fuel, however, it requires sixty litres of blood per hour. If circulation is cut off, nerve cells begin to die within minutes.

The brain guards its secrets very well. How, for instance, does memory work? What is the difference between memory and learning? How do emotions affect brain function and vice versa? How do we translate thought into language? How is movement initiated and controlled? And the ultimate question bedevilling all brain researchers (although few talk about it): what is the connection between brain and mind?

16:30 The epileptic focus is finally removed, placed in a sterile container, and sent by messenger to the pathology department. He must pass several of the twenty-five research labs housed in the building-doors marked Neuro-Isotopes, Neuropharmacology, Muscle Biochemistry, Neurogenetics, Biochemical Genetics, Neuromuscular Tissue Culture, Neuromuscular Histochemistry, before he comes to Neuropathology. In each of these labs work clinician scientists, physicians who also carry out research. The blend is the hallmark of MNI research, and was a unique combination when Penfield first imagined it in the thirties. A scientist who can attend at the bedside, a physician at home with test tubes.

16:45 While Dr. Feindel works, Dr. Leblanc steps back from the operating table for a few moments and closes his eyes. He has been on his feet for hours without a break. I recall the traits usually listed as vital for a neurosurgeon: speed, decisiveness, unflappability. Stamina must surely be pre-eminent. By government regulations, the Neuro has twenty-nine neurology residents and twelve neurosurgery residents. It is hardly enough. In Montreal alone there are 10,000 epileptics, 5 to 10 per cent of whom would benefit by surgery. If all of Canada's neurosurgeons were to do nothing but operate on epileptic Canadians alive today, it would take them two hundred years to complete the task. Up until ten years ago, the MNH was the only hospital in Canada performing surgery for focal epilepsy; its operating theatres are still booked six months in advance.

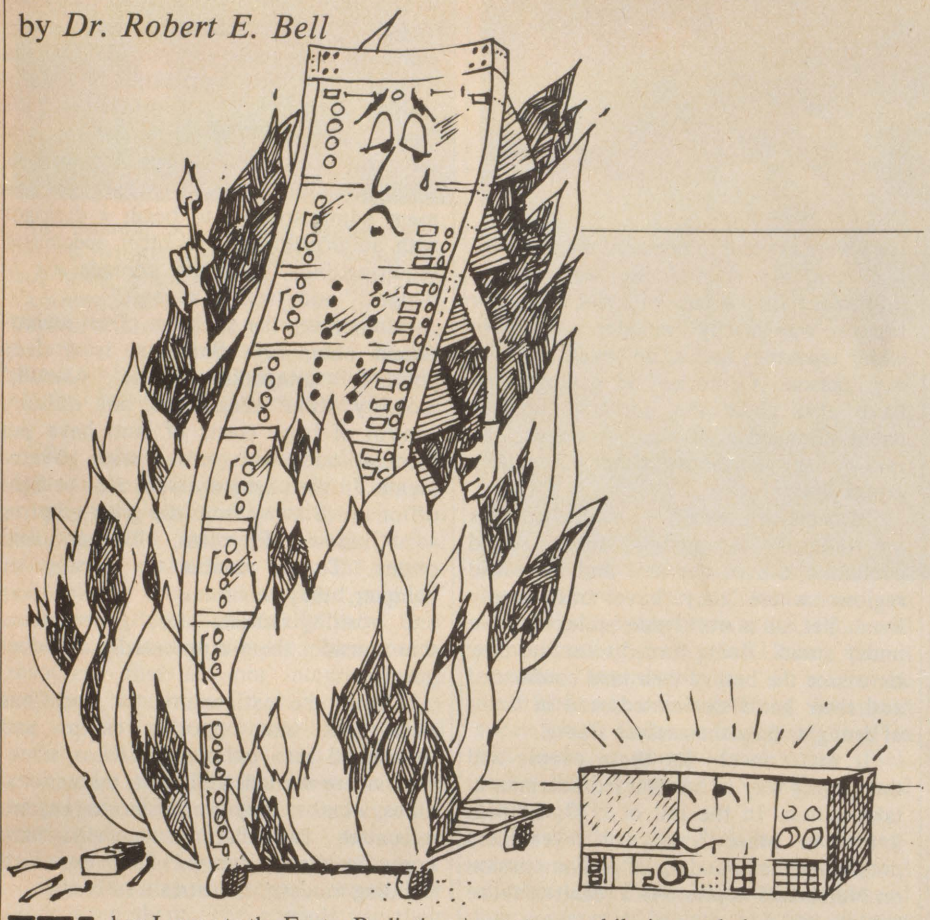
17:00 The removal completed, the electroencephalographer is called back to test the brain's electrical activity once more. This time he can find no abnormality anywhere. The surgeons begin to close.

Amazingly, after the excision of epileptic brain tissue, the patient's IQ may actually increase by 10 to 15 per cent. There may also be improvements in many other facets of functioning: epileptic activity is no longer splashing over and damaging other parts of the brain, clouding consciousness, altering behaviour, or interfering with higher brain functions.

18:00 Leblanc picks up the piece of skull he sawed out in the morning and turns it in his hands just as a child turns a piece from a jigsaw puzzle. He fits it back in place and wires the edges of bone together through holes he drilled nine hours earlier. After stitching the scalp back in place, he winds layer after layer of gauze around the head. The patient extends a hand blindly from beneath the drapes; a nurse quickly takes it in both her own. Leblanc pulls off his surgical gloves, stretches, and leaves the theatre. □

Elegy for an electronic suicide

by *Dr. Robert E. Bell*



Max Stiebel

When I came to the Foster Radiation Laboratory at McGill in 1952, kicksorters with multiple channels were far beyond our means. Yes, we called them kicksorters; nowadays they are solemnly called multichannel pulse analyzers. They sort out the electrical impulses ("kicks") from nuclear radiation detectors according to size. A 10-channel kicksorter, would sort all the pulses from 0 to 1 volt and record them in channel 1; those from 1 to 2 volts would go into channel 2, and so on.

The resulting 10-point pulse spectrum would be pretty crude. For modern high-resolution nuclear detectors, we now use kicksorters with thousands of channels, based on the latest solid-state electronics. Such a highly detailed pulse spectrum gives accurate information about the energies and intensities of nuclear radiations. In the old days, though, the detectors themselves were crude, and we were lucky to have kicksorters of even a few channels.

In 1952, even those few kicksorters that did have multiple channels were found, not in impecunious university laboratories, but in well-supported government institutions. The Chalk River Laboratories for example, had developed a 30-channel model that occupied 5 tall relay racks (those metal frames on which the currently chic "high-tech" decorators would have us mount our stereo components). It was impossibly expensive and bulky for our lab. It also contained no means for observing the pulse spectrum while it was being measured, or for automatically recording the result. We just had to do better.

By 1954 we had developed and built our own 28-channel instrument on a single 6-foot relay rack. It contained 28 identical circuits of 7 tubes each, one for each channel. Provision was made for putting the accumulating spectrum "live" on an oscilloscope screen (probably the first analyzer to do so), and for recording the final spectrum on a paper chart. The device was self-contained and could be wheeled on its casters to any place in the lab. It cost perhaps $1,500 in out-of-pocket expenses.

This was all very satisfactory, and we had no idea then that tragedy lay in the distant future.

Our 28-channel kicksorter saw intensive service over the next few years. By 1956 it had provided the data for a major survey of certain kinds of nuclear reactions caused by bombarding targets with high-speed particles from the cyclotron. In the late 50s it was recording results on the time needed by excited nuclei to emit their radiations, and on the processes that occur in samples of ordinary matter bombarded with particles of anti-matter (positive electrons, in this case). It gave the data for many other scientific papers and theses, but it was never the subject of a proper publication itself; like many faithful servants, it was always taken for granted and seldom praised.

While all this was going on, of course, new developments were taking place in the design of kicksorters. A physicist in England had already proposed a more accurate way of sorting out pulses. After a slow start, transistors were replacing tubes and shrinking the size of equipment. New memory techniques were making it easy to store the data for large numbers of channels. Finally around 1960, a fully-developed transistorized kicksorter of 256 channels came on the market in the United States. We had to have it.

Somehow we got the money (I recall it as $17 thousand, a huge sum), and the order was placed. The delivery of the unit was a moment of high excitement. We could not believe how small it was; 256 channels, and it occupied only about a third of a relay rack! We mounted it and tried it out; it was marvellous. At the turn of a switch, we could record 1 spectrum of 256 channels, or 2 of 128 channels, or 4 of 64 channels.

We wheeled it in beside the old 28-channel machine, still plugged in and working on a 24-hour run. The new instrument was slick, painted and chromed, professionally labelled, and fully enclosed. The old servant was unpainted, with unmatched knobs, paper labels, ragged wiring, and an indecently exposed rear. Nobody even gave it a glance.

The next morning when I arrived at work, the shop foreman met me. He said he wanted to show me something; it was the 28-channel kicksorter. Early that morning it had caught fire near the bottom of its rack and had been completely consumed. Not so much as a shred of wire insulation or a resistor or a condenser-casing had escaped. This complete destruction was assured by the vertical arrangement of the 28 units, which gave the fire an excellent draft. Strangely, almost weirdly (and very luckily), nothing else was harmed. The glamorous new instrument standing alongside was not even scorched; neither was the ceiling above. The old 28-channel analyzer was loyal to the end.

We were still euphoric in the lab, and did not spend time grieving over the remains. Only a little later did I begin to feel qualms. In retrospect it seems such a clear case of suicide born of quiet jealousy and despair that I reproach myself for being callous. When I think about it now, I realize that I do not possess a single photograph or circuit diagram or detailed description of this instrument, which made a substantial contribution to my scientific life and to that of several others. We were all scientific ingrates, and bad historians to boot.

Well, old faithful kicksorter, this is my small attempt to make amends. I hope that in that great lab in the sky, you are still putting out your simple but neat spectra; I want you to know you were appreciated. Perhaps you'd like to hear that the 256-channel unit has been superseded too, and that nobody is sentimental about it. Thanks for everything. □

Nomads: settling for less

by *Merv Walker*

"Those people are walking around out there naked, with feathers in their hair and paint on their faces. As far as the national elites are concerned, they are a threat and an embarrassment."

"Those people" are one group among the many nomadic and pastoral peoples of the world, and the speaker is McGill Professor of Anthropology Philip Carl Salzman. Salzman, and fellow anthropologists, Professors John Galaty and Dan Aronson, understand the plight of nomadic peoples and devote considerable energy toward preventing an embarrassed world from destroying them.

Salzman has engaged in field research "off and on for the last dozen years" among the nomadic Baluch in southeast Iran. Galaty has worked almost as long among the Maasai of Kenya, and Aronson has studied among nomadic people in both East and West Africa. For them the nomads are not an "embarrassment." They are old friends and people in trouble.

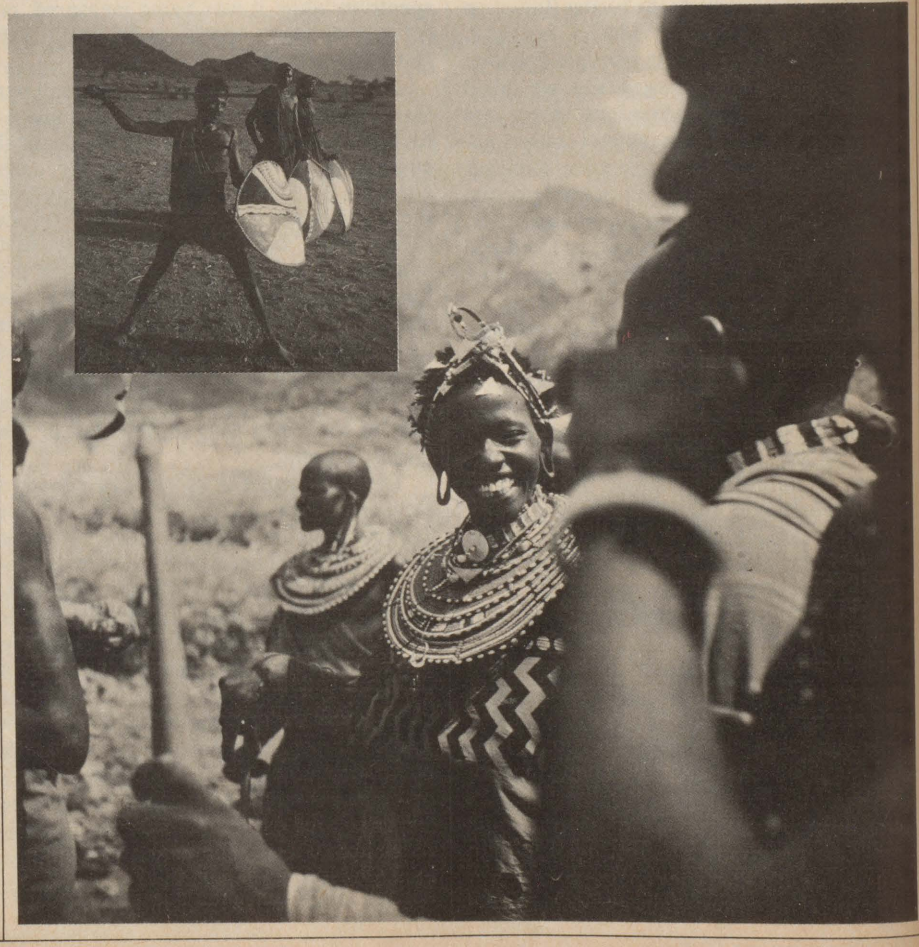
The romantic image of the Baluch, the Maasai, and other pastoralists suggests that they have wandered for centuries with their herds, following the rains, eking an existence from inhospitable lands. But, of course, they are not nearly so foot-loose: their societies are as structured as our own, though around different necessities. Their social systems are tailored to continuous movement. Their laws were created to preserve the pastures. For example, during the wet season, movement into areas with secure water supplies was strictly forbidden since those water resources had to be saved until the dry season. Centuries of pastoral life have also given the nomads sophisticated knowledge of the grasslands, the rain cycles, and the pests that perennially attack their stock.

In short, the world's nomadic peoples are uniquely adapted to make sound economic use of the arid and semi-arid regions where they have traditionally lived. Yet, on a worldwide scale, they are under attack. Being forced to settle, they have seen the best of their land confiscated and their herds decimated, and in times of drought, they themselves starve.

It was concern for these people and their dying way of life that led Salzman to take action. In the fall of 1977, he sent letters to other concerned researchers proposing the founding of a Commission on Nomadic Peoples. As a result of those first letters, the Commission was formed, and the first conference called. Galaty and Aronson soon joined Salzman, and with a seed grant from McGill providing money for administrative and travel expenses, the three have made Canada the seat of this international organization. Salzman is chairman of the Commission; Galaty is secretary; and Aronson chairs its Liaison Committee. Their mandate is to encourage government administrators to begin a dialogue with anthropologists and other specialists, inquiring into "why the nomads are in danger?" and "who is at fault?"

Underlying the problem of an embarrassed elite, says Salzman, is a deep political antagonism. The nomads' mobility, tribal allegiances, and military control of large tracts of land have put them at odds with settled state governments. In the past they were able to fight off or move away from the great empires — Chinese, Egyptian, Roman, and others. Today, unable to escape or conquer, they continue to inspire fear and hostility among state governments that consider them a potentially dissident group.

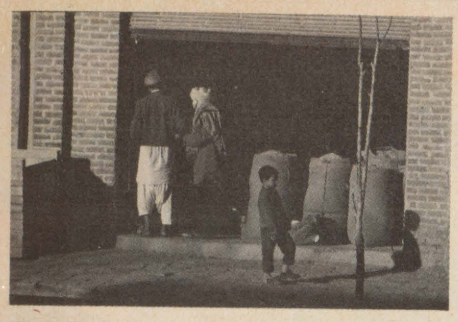
During the last century, the world has been split into opposing camps and segmented into nations. In those countries where nomads still exist, the national elites, whether they are western or eastern educated, capitalist or socialist, are committed to "progress." They dream of building modern, industrialized states.



The Maasai: An old woman performs a head-shaving ritual, preparing her son for a journey (below). To protect her ears while dancing, a young mother has just placed her heavy earrings on her head (right). A battalion returns from the forest to attend a warrior ceremony (inset).



John Galaty





The Baluch: An Iranian Government centre where Yarahmadzai tribesmen buy their grain (above). In winter, the Yarahmadzai milk their goats on Iran's Sarhad Plateau (right). Professor Philip Salzman questions headman Jaafar about his tribe's summer migration to the Maskel Basin date groves (inset).

For these progressive elites, the nomads present a major barrier. They are usually ethnic minorities with their own religions and languages whose tribal allegiances make them reluctant nationalists. They are not "captured people," and since they traditionally raise only what they need to survive, they control resources that are not integrated into national economies. In every way they are antithetical to an urban, industrialized society. Therefore, they must be settled, educated, and made to speak national languages. They must be involved in market-oriented production, and their tribal allegiances must be broken down.

The first step has been to wrest their lands from them. The nomads use their holdings sporadically and own them communally, so it has been easy to declare nomadic territory "unclaimed land" and take possession of it. It is then designated as "national land" and turned into game preserves for tourists; sold to farmers for dryland agriculture; or parcelled back to the nomads themselves as individual holdings. The latter has been the procedure for settling the Maasai of Kenya. To keep their lands, they've been forced into private or group ownership of "ranches."

The ranch system, says Galaty, is "remarkably unsuited to this kind of environment." The property lines create new barriers for herds whose continued movement within confined areas during the dry season kills the grass. Without the grass to hold the soil, the land becomes a desert, and the ranchers must then rely on the farmers for fodder. Thus, what was once a superb system for dealing with drought, is disappearing—and with it, the nomads.

It is this distressing aspect of modernization — the loss of valuable human adaptations — that the Commission is attempting to address. And it is not alone. The Commission on Nomadic Peoples is only one of a dozen such commissions that are part of the International Union of Anthropological and Ethnological Sciences. Like its sister organizations the Commission on Nomadic Peoples receives its status and some funding from the Union, but it operates autonomously. "It might be described as a network of interested specialists," Salzman explains, "and in fact includes people from other disciplines like geography, sociology, and economics."

To further the dialogue with concerned individuals and government officials, the Commission has organized four conferences to date. The first, entitled "Nomads in a Changing World," took place in London in June 1978 and aimed to bring together the existing knowledge about those regions where nomadism still exists: East and West Africa, the Middle East, India, and South America. It was attended primarily by European and North American specialists. Subsequent conferences in New Delhi in the fall of 1978, Nairobi in August 1979, and Amsterdam in April 1981 have seen much greater representation from third world countries. Salzman is especially pleased with this development, for if the network is to have an impact, it must extend into the areas of the world where nomads still live.

The burden for planning the conferences has fallen mostly on Salzman, Galaty, and Aronson. Salzman is also responsible for publishing the Commission's journal, *Nomadic Peoples,* which is distributed to 350 specialists in 49 countries. This publication includes book reviews, essays, bibliographies, and information on the Commission's ongoing business. Salzman is currently establishing an international editorial board with heavy representation from countries with nomadic peoples. Recently, he edited, *When Nomads Settle,* a collection of original papers based on anthropological fieldwork. The Commission will also publish the proceedings of its four conferences.

Aronson's Liaison Committee has established ongoing contacts with numerous other national and international agencies, institutes, and research groups. These include Canada's International Development Research Centre (IDRC), UNESCO, the Food and Agriculture Organization, the World Bank, and the Wenner-Gren Foundation, all of which provide funding for conferences and other special projects. (The IDRC, for example, is publishing the proceedings of the Nairobi conference, which it also helped fund.)

Salzman admits that it may be too strong to say that the nomads are being wiped out, but insists there is cause for grave concern. "Our position," he says, "to the extent that a network can hold a position, is that the pastoralists have good reasons for doing what they're doing. They have a set of skills, abilities, and knowledge that is being disregarded by larger societies intent on industrialization. Certainly their way is an ancient one, but facile notions of modernity and backwardness do not justify wiping them out!" In Salzman's opinion, government-imposed development programmes have usually been unsuccessful and economically disastrous. "Those starving people on the edge of the Sahara whom we've been seeing on television lately," he notes, "are pastoral people who've been settled."

Programmes for change tend to use inappropriate models from other societies, like the ranch. But for change to occur, the Commission maintains, it must draw upon the aspirations and skills of the nomadic peoples themselves. The real experts, you might say, are the nomads. They live now as they have lived for thousands of years. They have outlasted all the great empires. Clearly, their's is a society that works. And that is the most persuasive argument. "After all," asks Salzman, "if you remove the nomadic peoples, who is going to use this marginal land in a productive way?" □

Dieting to reduce the deficit

A look at McGill's present financial situation
by *Alison Nesmith*

In 1933 Principal Sir Arthur Currie pondered McGill's $222,000 deficit and wrote, "Financial stringency caused grave anxiety to those responsible for the administration; in the departments there had to be further curtailment of appropriations even for the most legitimate academic activities."

Almost five decades later McGill is facing another period of financial retrenchment. But the intervening years have brought many changes in university financing, and although Sir Arthur wouldn't have believed it, McGill's deficit might reach $10 million and could go as high as $15 million in the next fiscal year.

From the end of the fifties to the close of the following decade, McGill's enrolment more than doubled. Similarly, across Canada as the baby-boomers flooded out of high school and into university, old campuses grew and new ones came into existence. University financing became a government concern and McGill, which had always relied mostly on private benevolence and student fees, began to receive a larger portion of its income from government grants. Generous public funding reflected society's faith in higher education, and many university administrators engaged in what Peter M. Leslie's recent study, *Canadian Universities 1980 and Beyond,* calls "a frenetic scramble to corner all available resources." But the bonanza couldn't last forever.

In the early seventies, registrars began to prophesize the decline of enrolments, and university planners grew more cautious. At McGill, where phasing out the university's temporary CEGEP programme was expected to curtail enrolment, 1970 marked the beginning of gradual belt-tightening that has continued through to the present. Like a zealous dieter, McGill has cut back in every way possible, but this year's provincial government grant falls far short of the university's needs.

McGill depends on the Quebec government for approximately three-quarters of its operating budget. Although university funding in Quebec ranks among the most generous in Canada, the provincial government recently began preaching fiscal restraint in a struggle to bring its own deficit into line. Last November, anticipating a low grant increase, McGill's administrators called for a 3.2 per cent cut in the 1981-82 budgets for all 113 of its departments. But, in February Quebec universities learned of the government's intention to be even more tight-fisted than expected, and McGill asked its budget chairmen to carve an additional 2.5 per cent from their expenditures. As the situation now stands — because government funding of universities is a complicated, ongoing process—McGill will receive a 5.5 per cent increase in the 1981-82 grant (this sum includes revenue from increased foreign student fees). Enrolment, however, shows no sign of dropping off; inflation has reached 12 per cent; and wage increase demands run as high as 16 per cent, a standard set, ironically, by the provincial public service. McGill has saved some salary dollars by arranging to trade time-off for a portion of the annual wage increase. But unless the Quebec government changes its funding policy, the university will still face a considerable deficit.

While department chairmen deliberate over how to allocate diminishing resources, university administrators are looking for creative solutions.

McGill has rung up a series of deficits over the last decade, dipping into the unrestricted endowment fund to balance the books. Having provided a financial cushion during the past ten years, the fund has dwindled from $13.6 million at the close of the 1970-71 session to half that amount today. As Vice-Principal (Finance) John Armour says, "The fund has enabled us to go ahead with planning — knowing it was there to fall back on when things came to the worst. It allowed us to take risks." With one simple stroke next year's deficit could completely wipe out this carefully nurtured reserve.

McGill shares its financial malaise with universities both in and outside Canada. In the United Kingdom, the University Grants Commission has announced it will reduce expenditures by 15 per cent over the next 3 years. The United States government's retrenchment has placed great strain on its universities, many of which are in worse shape than McGill. And throughout Quebec, universities are raising an outcry against insufficient funding.

In January, when it was learned that Quebec's total grant to its universities would increase by only 6.9 per cent, the Conseil des universités (a provincial government advisory agency) protested that the amount was "unacceptable" since it didn't meet escalating operating costs and wage demands. The Conseil also objected to the suddenness of the announcement and proposed a more gradual approach to the curtailment of university spending. But, at the time of this writing, the government had not altered its stand.

Armour, nevertheless, is optimistic about McGill's ability to tighten the purse strings. He speculates that the solution lies in "a combination of things — maybe additional money from government, salary increases that don't exactly meet those of the public sector, and budget cuts in addition to what we've already implemented." But in solving its financial problems, McGill will face some difficult decisions.

Peter Leslie's study points out that a university's collegial make-up hampers its ability to adjust to declining enrolments and financial constraints. While a business has definite indicators of productivity, a university's "products" are education and research, the value of which is best assessed subjectively, over time, by a community of peers. Therefore universities tend to trim cautiously in order to safeguard their potential to achieve excellence. As Education Dean George Flower, BA'40, MA'49, said of his beleaguered faculty: "The problem is not just to get smaller — that would be easy. The problem is to get smaller while at the same time maintaining quality."

Director of Libraries Marianne Scott, BA'49, BLS'52, also knows how difficultit can be to keep up excellent standards whie dollars become increasingly scarce. She says that the library system has been relying heavily on private gifts for new books, while concentrating an increased portion of their budget on maintaining periodical subscriptions. Since so many materials in McGill's libraries are purchased outside Canada, Scott says they are feeling "the double impact of an average of at least 14 per cent inflation and the low exchange on the Canadian dollar." In balancing their budgets, the libraries have been forced to reduce staff — a move that may mean shortening library hours next fall and limiting some of the services available to faculty, students, and the community.

Financial stringency is also affecting university laboratories. The Faculty of Science, which began paring down its expenditures in 1976, must grapple with the rapidly mounting costs of chemicals and equipment such as microscopes. Dean of Science Svenn Orvig, MSc'51, PhD'54, who warns he's "not pessimistic by nature" believes that although their facilities are still competitive, they are "gradually becoming obsolescent."

Budget trimming leaves its most noticeable mark on the university's human resources. As Dean Flower has observed,

Continued on page 16


ONE
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"When there are cuts, it obviously means people—because you can go only so far with paper clips." Some fear that the dearth of job opportunities in many faculties will result in the loss of an entire academic generation. The McGill Planning Commission's 1979 report entitled "Planning for a Smaller University" described the phenomenon in this way: "Because of the limited opportunities for hiring new staff in the next few years, the average age of the staff will increase. Without the stimulation provided by younger colleagues with more recent graduate training, continuing faculty members face the prospect of 'growing old together,' teaching and performing research as they were taught to do in the 1950s and 1960s until they retire en masse at the turn of the century." Dean Orvig says the Faculty of Science will suffer not only from a lack of young blood, but also from being unable to grant deferred retirement to "some very learned and gifted people."

More than 80 per cent of the university's budget is devoted to salaries. For everyone, the least painful way to reduce salary spending is through attrition — depending on retirements and resignations to shorten the university payroll. Associations representing McGill's academic and non-academic staff think the university should put more emphasis on attrition as the prime method of cutting back on salary expenditures. By May 31, 1982 (the close of the 1981-82 fiscal year), the university's complement of academic positions will have diminished by ninety-three in just four years. But attrition has its drawbacks.

As Vice-Principal (Finance) Armour says, "One of the problems with using attrition is that people often leave in the areas where you need them. In fact, people who leave to go to other jobs, particularly on the academic side, have to be replaced because if there's a vacancy in another university for a given professor it's usually in an area where there's lots of students. Another problem is that attrition doesn't give you an opportunity to get rid of those who are not producing at maximum." Staff cutbacks also lead to heavier teaching loads and less student supervision. Considering these factors, the university cannot allow attrition to follow its natural course. Consequently, although 87 professorial positions will be terminated next year, 45 new ones will be established, resulting in a net reduction of 42 positions.

One of today's most difficult challenges is to accommodate changing patterns of enrolment within the university. Even though McGill's overall enrolment has stabilized, certain faculties are shrinking while others swell. In Engineering, for example, undergraduate enrolment climbed from 680 in 1974 to 1,690 in 1981. Dean of Engineering Gerald W. Farnell, PhD'57, says "Our problem so far has not been one of budget cuts. Our problem is that our budgets have not kept pace with changing enrolment. The only advantage is that we've not had the agonizing problem of staff cuts." Thus, a limited number of professors must teach an ever-expanding body of students. This reality is all the more unfortunate considering Canada's great demand for engineers. In an attempt to minimize the effects of budgetary restrictions, Dean Farnell says the faculty is planning to hold enrolment at 1979 or 1980 levels and eliminate certain optional courses.

The Faculty of Education must contend with a completely different set of problems. Due to a dramatic fall-off in enrolment, the Education Faculty has been making sweeping cutbacks since 1976. Dean Flower says that they have been using "engineered attrition" to reduce staff by encouraging early retirement or shortened hours, and some staff members have been "recycled" into different areas of expertize. Over the past three years the faculty's budget has declined by 24 per cent, and approximately 20 positions have been eliminated.

Dean Flower says that his faculty has further economized by combining similar courses. In Dean Orvig's opinion, this money-saving tactic may even be possible across faculty lines. Mathematics, for example, is taught in both the Science and Engineering Faculties. But, as Dean Orvig cautions, "It's not as simple as it sounds because these courses are taught from different points of view, by different people for different purposes."

Indeed, for the entire McGill community, keeping the university on a diet will be a trying task. While department chairmen deliberate over how to allocate diminishing resources, university administrators are looking for creative solutions. Principal David L. Johnston has taken a public stand against inadequate government funding and will chair a five-member budget committee with representation from Senate, the non-academic and academic staff, and senior administration. This group will study budget cuts to date and examine the possibility of instituting further cuts and changes in salary policy.

They and everyone involved in guiding McGill through this period of financial retrenchment might find some encouragement in the pages of history. According to Dr. Stanley Frost, director of the History of McGill Project, financial problems such as the university is now undergoing "recur with frustrating regularity." As Sir Arthur Currie wrote during the thirties: "In these disordered times, it is more vital than ever that our institutions should be maintained. If the advantages and privileges which only universities can supply were to be seriously impaired or curtailed, we should place ourselves and future generations under a handicap which must retard, if not cripple, the intellectual, the social, and the economic development of the country." Just as it is interesting to note the contemporary ring to Currie's words, it is heartening to remember McGill has found its way through troubled times in the past. □

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Dr. Leo Yaffe: a teacher above all

by *Charlotte Hussey*

Former McGill Vice-Principal (Administration) Leo Yaffe, PhD'43, is a logical man and realist. "Everything we do in life carries a danger," he says, "and we must learn to assess the risks and the benefits."

A distinguished chemist whose research for the past thirty years has been directed towards an understanding of nuclear fission, Yaffe has assessed the risks associated with it and other forms of power generation. Coal mining is a hazardous occupation, he says, while tremendous amounts of cancer-causing materials are released by the burning of this combustible mineral. Oil rigs and tankers have exploded killing people and polluting the environment, he continues, while hydroelectric dams have been known to break killing thousands of people, as one did in India last year. "So then you look at nuclear energy, and you ask yourself, 'Well how many people has it killed?' And the answer is none."

The problem is that people still equate atomic energy with the atom bomb, he argues: "A nuclear reactor cannot explode. You can have a minor chemical explosion, and it's completely self-contained. But most people don't recognize that there's much more radioactivity going out into the atmosphere from a coal-fired power station than from a nuclear reactor."

In 1943 shortly after Yaffe received his McGill PhD, three eminent scientists appeared on campus and interviewed him for a job working on a top-secret wartime project. Fascinated by their mysterious offer, he accepted to find himself employed by Atomic Energy of Canada Ltd. (AEC). "It was an amazing thing," reminisces Yaffe, who served as their project leader of nuclear chemistry and tracer research, "because scientists from all over the world congregated in Chalk River, Ontario to lay the groundwork for Canada's anticipation of a peaceful atomic age. And there was no bomb work going on at all."

Enticed back to McGill in 1952 by the late John Stuart Foster's 100 MeV Synchrocyclotron, Yaffe soon established his scientific reputation. Working with his first graduate student, Brian Pate, PhD'55, Yaffe became the acknowledged authority on the techniques of absolute counting of beta radiation. And his research conducted with Gerhard Friedlander, Lew Friedman, and Barry Gordon into the charge dispersion in high energy fission resulted in the definitive "FFGY paper" — the single most cited text in nuclear chemistry during the 1960s.

Describing himself as an experimentalist and a deductive reasoner, Yaffe also professes his love of teaching: "I enjoy interacting with young people, and teaching to me is one form of doing this. I've always felt that the single most important thing that you can do is transmit information. And there are various forms of information. Transmitting information to your children is of course to me just about the most important thing you can do in life. I've also felt that transmitting information in the same way to young students is extremely important," he adds.



Harold Rosenberg

On leave from McGill from 1963 to 1965, Yaffe served as director of research and laboratories at the International Atomic Energy Agency, set up in Vienna, Austria by the United Nations to help third world countries develop peaceful uses of atomic power. "I came to Vienna with stars in my eyes and plans to help people," he admits. But although his responsibilities included directing research, overseeing a research contract programme, and organizing seminars and conferences to facilitate the free exchange of information, he spent most of his time acting as a mediator between the United States and the Soviet Union. "All of these United Nations agencies are so full of politics and so full of incompetence that it's difficult to do anything," he explains. "Most of the time is spent with the organization spinning it's wheels. The output is very small."

Although highly frustrating, Yaffe's two-year Viennese assignment well-qualified him to take on yet another challenging post — that of Vice-Principal (Administration) of McGill University. When asked why he, in 1974, took on the vice-principalship, he explains: "I've always felt and still feel that the administration of the university must be done by academics. They are the only ones that really understand what a university is all about. I espoused this theory so much that former Principal Robert Bell, an old friend of mine, used it as an argument that he knew I couldn't resist. That was completely unscrupulous on his part, I thought, but very effective."

During his seven years as vice-principal, he has chaired twenty-six and has been a member of forty-four committees. "It's been a difficult job," says McGill's ambassador *par excellence* to Quebec City. As a member of the Conseil des universités and its Comité du financement, the Comité-conseil, formation de chercheurs, and the Conseil d'administration of CREPUQ, Yaffe, who excelled in the often delicate negotiations with the provincial government, will be remembered for ensuring a significant role for McGill in Quebec's system of higher education.

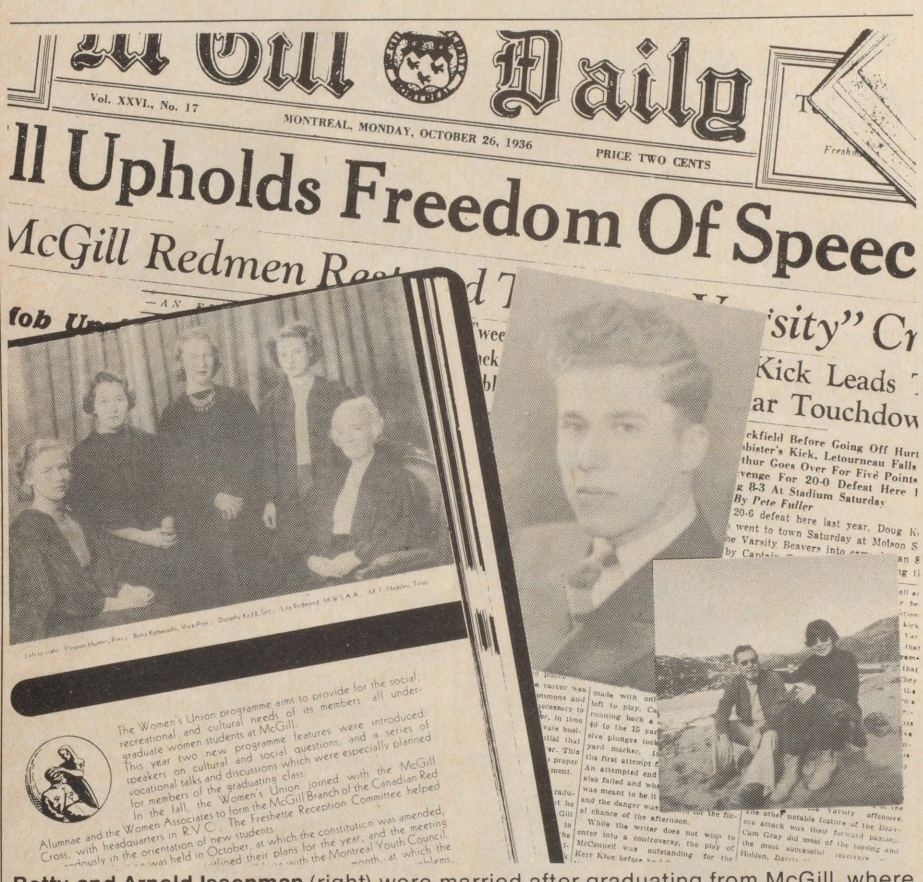
Often Yaffe returns home feeling completely talked out after a day of gruelling meetings and private consultations with the numerous people who come to him with their problems. "But," he says, "I relax very well. I read, garden, do cabinetmaking, putter around the house, and thoroughly enjoy my three grandchildren."

During the last seven years, on top of his preoccupation with nuclear fission, Yaffe has expanded his research into the new field of archeometry—the application of nuclear and chemical methods to archaeology. Collaborating with Middle East Technical University (Turkey) Professor of Chemistry, Olcay Birgul and McGill Professors of Classics, John Fossey, and of Archaeology, Bruce Trigger, Yaffe is examining, through the use of x-ray fluorescence and neutron activation, the scarce elements in ancient pot shards. By making the rarer elements radioactive, he has been able to determine where the pots were made and thus establish theories about the ancient trade routes in Turkey, Greece, the Caribbean, and those of the Iroquois in the Ottawa Valley.

In assessing the vice-principalship from which he retired on June 1st, Yaffe feels that through his efforts to establish sabbatical leaves, deferred retirements, and other programmes that facilitate teaching and research, he has enriched scholarly life at McGill. "And what I've tried to do and am still trying to do is make sure that academic standards are maintained at this university. That's really what a university makes it's reputation on. It makes its reputation on the quality of teaching and scholarly work. I think I've done my level best to insure that that has been kept high. If there were really an epitaph that I would want," he concludes, "it would be that." □

A rebel remembers the cause

by *Betty Kobayashi Issenman*



McGill Daily

Vol. XXVI., No. 17 MONTREAL, MONDAY, OCTOBER 26, 1936 PRICE TWO CENTS

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By Pete Fuller

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The Women's Union programme aims to provide for the social, recreational and cultural needs of its members all undergraduate women students at McGill.

This year two new programme features were introduced: speakers on cultural and social questions, and a series of vocational talks and discussions which were especially planned for members of the graduating class.

In the fall, the Women's Union joined with the McGill Alumnae and the Women Associates to form the McGill Branch of the Canadian Red Cross, with headquarters in R.V.C. The Freshette Reception Committee helped with the orientation of new students.

Betty and Arnold Issenman (right) were married after graduating from McGill, where Arnold (centre) had served as the *Daily* news editor and Betty (2nd from left in year book) had belonged to the Women's Union.

During her undergraduate days at McGill, from 1936 to 1940, Betty Kobayashi Issenman, BA'40, DipSW'42, eagerly participated in many political activities arising from the economic and social ferment of the Great Depression — a time, she writes: "When I was lucky to get to university, walking to school to save three cents tramfare." In the following article, she combines her own reminiscences with information from the McGill Daily *to recall certain dramatic moments from that turbulent era:*

McGill University, in the second half of the thirties, seemed to be as it always had been: respectable, solid, tranquil; a remote island where the sons and daughters of the well-to-do gained their passport to government, business, and the professions. There was even a raccoon coat or two to be seen and the traditional rules were: nobody rocked the boat; Jews were admitted on a quota; fraternities looked after campus politics; Chancellor Sir Edward Beatty was In Charge; and a woman's place was in the home.

Somehow noises from the Depression and wars that had gotten out of hand began resounding through the halls of academe. Abroad Hitler and Mussolini were forging their axis. In Quebec, Duplessis's police were bashing unionists' heads. In our cities, the unemployed formed bread lines. And on the McGill campus a minority of staff and students, stirred to action by these events, were accused of "poisoning the student mind."

I was swept into the nets of these "radical" malcontents. My father was Japanese and considered part of the Yellow Peril, although he had been gassed while in the Canadian Army during World War I. Bringing us up to be pacifists, he enrolled us in the United Church Canadian Girls in Training, where I was hooked on the magic word "cooperation." My sister and I soon joined the Youth Movement of the Cooperative Commonwealth Federation, precursor to the New Democratic Party, where we learned "evil" ideas about the usefulness of trade unions, help for the unemployed, and cooperatives.

The Quebec Padlock Law, passed in 1936, permitted police to padlock any hall or home used to "propagate communism." In October of that year three delegates of the Spanish Republican Government had been invited to speak at the McGill Student Union (now the McCord Museum) about their battle to maintain democratic government in the face of Franco's troops. A group of students from the Université de Montréal went to City Hall and threatened to riot if the "communistic" meeting was held. The City would give us no police protection, so we placed our own guards at the doors of the Union. They were showered with stones and bricks by the U. de M. students who paraded past. Later, Dr. J.C. Hemmeon of the political science department was kicked and beaten as he escorted the Spanish delegates to safety. *The Daily* ran a proud headline, "McGill Upholds Freedom of Speech."

The protracted battle to disallow the Padlock Law continued. On the steps of the McGill Arts Building, speakers bravely defended themselves with the lids of garbage cans from the snowballs of their old enemies, the Engineers. Professors Frank Scott, BCL'27, LLD'67, and Eugene Forsey, BA'25, MA'26, PhD'41, gave speeches or went on chartered busses with students to Ottawa to petition for repeal. They took with them the signatures of 80 staff members and 1,000 of McGill's 3,000 students.

Arnold Issenman, BA'38, now my husband, was then news editor of *The Daily*. He continued his protest long after graduation, helping to raise funds in 1956 to send Scott to Ottawa to plead against the Padlock Law before the Supreme Court. Disallowance wasn't won until March 1957.

An insidious peace movement emerged in 1936, spreading the notion that if Hitler and Mussolini could be stopped in Ethiopia and Spain, it might be possible to prevent World War II. Montrealers Norman Bethune and Hazen Sise asked us to help with medical aid. A committee headed by people like Dr. Wendell MacLeod agreed to send $150 a week to Bethune's blood transfusion unit in Spain. In October the Student Union had a water-colour and photography exhibit from Spain, some of it done by Bethune and Sise. I went to a meeting at Strathcona Hall where Sise spoke, expecting a rousing call to arms from a warrior fresh from the front. Instead, we listened quietly to a lanky, shy man who spoke haltingly, vehemently, about the need to help the Spanish who were fighting our battle.

By 1939 our papers reported the annihilation of the International Brigades with whom Bethune worked, and as we know, some six hundred of the twelve hundred Canadians in the Mackenzie Papineau Battalion never came home. I can still feel the moment in January 1939 when I heard

on the radio that Franco had captured Barcelona. I was in The Pit, a student café where I sometimes worked. I stood there, completely alone, tears streaming down my face. I had just turned eighteen.

Another of our causes was the Chinese Student Relief, and in 1937 we sent Grant Lathe, BSc'34, MSc'36, MD'38, PhD'47, (who later did pioneer work in treating shock on the battlefields of World War II) to China to get us news of the students. *The Daily* printed Lathe's reports of his six-thousand-mile journey by plane, train, and sampan. We went to see him off at the old Bonaventure Station, his clothes crammed into a tattered bag, and I can still see his mother running down the platform, thrusting a roasted chicken at him.

In March 1938 *The Daily* reported that forty-eight-year-old Bethune was in Sian, heading an army medical mission. Students had much earlier proposed a boycott of Japanese goods, and the idea gained momentum when Thomas Mann, the German exile and Nobel Prize winner, spoke at the Union. Some dozen of us girls foreswore silk from then on and wore only lisle. We looked like Little Orphan Annie, but were convinced that we kept the Japanese militarists awake at night, thus putting a dent in their invasion of China. I threw myself into the boycott campaign and gained some notoriety since my poor father imported these same goods.

During my years at Royal Victoria College, RVCites were able to strike some mighty blows for women's liberation. In 1936 women were admitted to the Band. After a *Daily* editorial in 1939, women were allowed to be cheerleaders (until then only men had been eligible), but we had to get permission to shorten our skirts to the knee. We had to have a ballot to permit women to smoke, and every year someone would propose that women be allowed into the Political Economy Club — I think we made it in 1939. We finally won admittance to the Student Union Grill Room and Cafeteria in October 1939, but not to the sacrosanct billiard room.

We students had protested Neville Chamberlain's policies of appeasement, but by September 1939, war came upon us, as we had feared. In March 1939, the British recognized Franco's regime in Spain, and a week later Czechoslovakia was smashed apart by German and Hungarian armies. Within months the German-Soviet Pact was signed, Germany invaded Poland, Russia invaded Finland, and although some of us could hardly believe Chamberlain would fight Hitler, we were in the midst of the Holocaust.

In December the first Canadian troops, undernourished sons of the Depression, landed safely in Britain. Red Cross activities began in earnest, and the Canadian Officers Training Corps increased its enrolment to twelve hundred. It was time to hit the books and make the final effort to get our degrees. Graduating into the world of 1940, we felt sure that we had paid our dues. □

WHERE THEY ARE AND WHAT THEY'RE DOING

'23

GARFIELD G. DUNCAN, MD'23, a leading American internist has been honoured by the naming of the Dr. Garfield G. Duncan Building at Pennsylvania Hospital in Philadelphia, Pa., in May 1980.

'26

MORRIS KATZ, BSc'26, MSc'27, PhD'29, DSc'71, York University professor emeritus and consultant to many organizations investigating pollution factors, has received an honorary Doctor of Science degree from York University in Downsview, Ont.

'27

LEON EDEL, BA'27, MA'28, DLitt'63, was presented with the National Art Club's 1981 Gold Medal for literature in recognition of his contribution to the art of biography in New York, N.Y.

'33

PAUL BEESON, MD'33, a University of Washington (Seattle) professor of medicine, whose major work has included the study of hepatitis and other infectious diseases, has been honoured by the anonymous endowment of the Paul Beeson Chair in Internal Medicine at Yale University, New Haven, Conn.

'35

HOWARD J. LANG, BEng'35, a director of several major Canadian corporations has retired from the chairmanship of Canron Inc.

'38

PHILIP A. MORSE, DDS'38, has received a master's certificate in the National Academy of General Dentistry and been accepted as a fellow of the International College of Dentists.

'40

GEORGE A. ALLISON, Q.C., BA'37, BCL'40, a senior partner of Martineau Walker law firm was elected Bâtonnier of Montreal for 1981-82 by the Bar of Montreal on May 1, 1981.

JOHN R. DACEY, PhD'40, who is conducting research into the fundamentals of chemical warfare protection at the Royal Military College, Kingston, Ont., has been appointed to the Order of Canada.

'45

JOHN R. HAZLE, BEng'45, is working for three months with Resinas Andinas Ltda., in Bogota, Columbia.

ARTHUR DONALD MARGISON, BEng'45, an engineering consultant and president of A.D. Margison Management Ltd., has received an honorary Doctor of Laws degree from York University, Downsview, Ont.

'47

DAVID H. FRICKER, Q.C., BSc'47, has been appointed senior vice-president, corporate development for MacMillan Bloedel Ltd., Vancouver, B.C.

Dr. JAMES M. FULTON, BSc(Agr)'47, has retired from his position as director of the Harrow Research Station in Ontario.

JACK HAHN, BEng'47, vice-president and director, SNC Enterprises Ltd., and chairman of SNC/GECO Canada Inc., was honoured on his sixtieth birthday by his family's establishment of the Jack Hahn Bursary Fund for McGill electrical engineering students.

'48

GILBERT A. BARTHOLOMEW, PhD'48, director of the research physics division at Chalk River Nuclear Laboratories, Ontario, has been elected a fellow of the American Association for the Advancement of Science.

Dr. GERALD G.L. HENDERSON, BSc'48, MSc'50, has been appointed president of Chevron Standard Ltd., and will continue as vice-president and director of Chevron Canada Ltd., Vancouver, B.C.

'49

FRANK P. BRADY, Q.C., BCL'49, has been named senior vice-president, industry and government relations, for Dominion Textiles Inc.

BASIL CONNELL, BA'49, has become assistant vice-president, segregated fund marketing for the Manufacturers Life Insurance Company.

'50

HUDSON DAVIS, BA'50, has been appointed assistant to the executive secretary of the Federation of School Boards of Newfoundland.

ROLAND DE KERGOLAY, BCom'50, has been named the European Economic Community's ambassador to the United States.

W. ROBERT EMOND, BCom'50, DipMgmt'57, has been appointed director

continued next page

of marketing, business computers, at Philips Information Systems.

'51

SAMUEL BOOTH, BEng'51, DipMgmt'60, is now vice-president, contract operations, of BCI Inc., a Bell Canada subsidiary in McLean, Va.

LESLIE G. HAM, BA'51, BCom'53, has been named zone vice-president, Canada/Far East for PepsiCo International.

DONALD E. LADD, BEng'51, has been promoted to director of corporate financial systems of Union Camp Corp., in Wayne, N.J.

YVAN MONTCALM, BEng'51, DipMgmt'60, has been appointed regional manager, eastern Canada for GTE Sylvania Lighting Products Group located in Montreal.

A. GORDON SLADE, BEng'51, is vice-president Canadian nickel and copper operations for Falconbridge Nickel Mines Ltd., Toronto, Ont.

RAYMOND H. VALLIERES, BEng'51, has been named director of mechanical-electrical operations for T. Pringle & Son Ltd., industrial consultants in Montreal.

H. JUNE VINCE, BA'51, has been appointed manager, investment services for Arachnae Securities Ltd.

'52

JOHN M. SCHOLES, BEng'52, has been appointed president of Royal Trustco Ltd., and a member of the executive committee of the board of directors.

'53

Lt. Gen. RENE GUTKNECHT, BA'53, became the first Canadian to receive the Order of Military Merit from Her Majesty Queen Elizabeth II at Buckingham Palace.

JOHN I.P. LEESON, MSc'53, has been named vice-president, exploration for Home Oil Company Ltd.

BRUCE H. YAMASHITA, BEng'53, has been appointed vice-president, engineering for Menasco Canada Ltée.

'54

J. BRIAN HAWORTH, BEng'54, has been elected vice-president, industrial and marine division of Pratt & Whitney Aircraft of Canada Ltd.

'55

RONALD F. FINDLAY, BCom'55, has been appointed vice-president, corporate services for Rothmans of Pall Mall Canada Ltd.

WILLIAM J. GRIER, BA'55, has been named general marketing manager, container division, for the Canadian International Paper Company, in Montreal.

ZEN KOLISNYK, BEng'55, has become vice-president, development, of Fording Coal Ltd.

J. VINCENT O'DONNELL, Q.C., BCL'55, partner in the firm Lavery, O'Brian, was elected 1981 president of the Club Saint-Denis.

DALE (ENGLISH) YOUNG, BA'55, has been named president and manager of the executive office of Newport Realty Inc., Victoria, B.C.

'56

Hon. J. HUGH FAULKNER, BA'56, has been appointed vice-president, environment, occupational health and safety, for Alcan Aluminium Ltd.

HUGH J. GOLDIE, MEng'56, has been appointed vice-president, electrical operations, for B.C. Hydro.

CLIFFORD S. MALONE, BCL'56, has been elected chairman of Canron Inc., and will continue as chief executive officer.

RONALD T. RILEY, BEng'56, has been appointed corporate vice-president for Canadian Pacific Ltd.

KENNETH G. WILSON, BEng'56, DipMgmt'62, has been named assistant general manager, independent business, retail banking sector of the Royal Bank's Canada division, headquartered in Montreal.

'57

EILEEN (HAWORTH) IWANICKI, BSc'57, received a Master of Science degree from Indiana University in Bloomington, Ind.

RUBEN J. ROSEN, BCom'57, a partner in Touche Ross & Co., has been appointed by the International Federation of Accountants as first chairman of its subcommittee on auditing in an EDP environment.

TIMOTHY J. WAGG, BEng'57, has been named, vice-president, finance, and treasurer of Consolidated-Bathurst Inc.

'58

ROBERT N. GREEN, MD'58, an associate professor of medicine at the University of Western Ontario, London, has been elected president of the American Society for Automotive Medicine.

ROBERT G. HUNTER, BEng'58, has been appointed president and chief operating officer of Otis Elevator Co., Ltd., Hamilton, Ont.

RONALD S. LEIFFER, BEng'58, has been elected vice-president, purchasing for Standard Brands Ltd.

'59

W. GORDON JEFFERY, PhD'59, has been appointed director general of the Canada Centre for Mineral and Energy Technology, responsible for all federal experimental work in the mineral sciences.

LEON RUCKER, BEng'59, DipMgmt'62, has become principal of Thorne Stevenson & Kellogg Management Consultants, Toronto, Ont.

'61

PETER N.S. ANNAND, BEng'61, is general manager Auto Suture Australia Ltd., in Australia.

DOUGLAS C. CAMPBELL, BEng'61, has been appointed general manager of CN Communications located in Toronto, Ont.

WILLIAM C. GOVIER, MD'61, joined the Du Pont Co., in Wilmington, Del., as director of research and development for pharmaceuticals.

W. ALFRED MILLER, BEng'61, MEng'62, PhD'66, has been promoted to full professor in the department of metallurgy and materials science at the University of Toronto, in Ontario.

'62

DAVID E. CAPE, BEng'62, has been appointed vice-president, administration, of E.G.M. Cape & Company Ltd.

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(418) 687-3333

KEITH E. WINROW, BCom'62, has been named vice-president (finance) and comptroller of Great Lakes Forest Products Ltd.

'63

N. PATRICIA BARRY, BN'63, a clinical specialist in mental health nursing, has been appointed director of nursing at the Hamilton Psychiatric Hospital in Ontario.

JOHN D. GUNN, BSc'63, has been named vice-president responsible for oil and gas exploration in Canada and the United States, for Lacana Petroleum Ltd.

RON HARVIE, BA'63, has been appointed senior copywriter for MacLaren Advertising in Montreal.

Dr. LARRY D. LUTCHMANSINGH, BA'63, has been named chairman of the art department at Bowdoin College in Brunswick, Me.

Dr. SAUL MILLER, BSc'63, has recently published a book entitled, *Food for Thought,* in which he maintains that an adult's diet should have the same balance of protein, carbohydrate, and fat as that found in mothers' milk.

IAN G.B. MOTHERWELL, BCom'63, has been appointed general counsel for Alcan Products Canada Ltd., Toronto, Ont.

MICHAEL S. PESNER, BCom'63, has become president of Ernst & Whinney Inc., and will work in Montreal.

DOUGLAS WURTELE, MA'63, PhD'68, recently promoted to the rank of full professor, has been elected chairman of the English department at Carleton University in Ottawa, Ont.

'64

SONIA (GRIFFIN) ACORN, BN'64, has been appointed director, staff development and training branch, of the Prince Edward Island Civil Service Commission.

THOMAS BELL, BSc'64, has become marketing manager, film, for Hercules Canada Ltd., in Montreal.

A. RAE CAMPBELL, BEng'64, has been named vice-president, corporate planning for Petro Canada in Calgary, Alta.

Announcement

The McCord Museum is planning a major exhibition of the work of Montreal architect Percy E. Nobbs (1875-1964), former professor at the McGill School of Architecture, which will open in March of 1982. The organizers of the exhibition would be interested to hear of any objects alumni might have that Nobbs designed for the old McGill Union (now the McCord) such as wrought iron work, cutlery, etc. Other information would be welcome, too. Please call Mrs. Susan Wagg at (514) 733-5195 or write her c/o the McCord Museum, 690 Sherbrooke St., West, Montreal, H3A 1E9. Or drop a line to Professor John Bland at the School of Architecture, McConnell Engineering Building, 3480 University, Montreal, H3A 2A7. □

F. GERALD FOX, BA'53, BCL'64, has been appointed secretary and general counsel of Du Pont Canada Inc.

PETER S. SEYBOLD, BEng'64, has become vice-president and general manager of CCTF, a division of EMCO Ltd., London, Ont., which supplies welding fittings and flanges.

ROBERT SILVERMAN, LMus'60, BMus'64, will appear as solo pianist with the Chicago Symphony Orchestra in August and will give a recital in the "Artists of the Americas" series in New York, N.Y., in November.

'65

JOHN ARMSTRONG, BSc'63, MD'65, PhD'75, a practising pediatric neurologist at the Montreal Children's Hospital, has been appointed vice-president of Pfizer Canada Inc., in recognition of his outstanding service.

DAVID GANDELL, BSc'65, MBA'67, has moved into the newly-created position of vice-president, operations for Ivanhoe Inc.

A. ROBIN HUTCHINSON, MD'65, practising internal medicine in Nanaimo, B.C., has written an article entitled, "Wanjiru" that won first prize in the *Canadian Doctor* write-to-win contest for 1980.

JOHN A. MYERS, BCom'65, has been appointed vice-president, corporate banking, for the Canadian Imperial Bank of Commerce.

D. WAYNE WRIGHT, BSc'65, has been named vice-president, refining, for the Sunoco Group of Suncor Inc., Sarnia, Ont.

RICHARD P. VAILLANCOURT, MBA'65, has been appointed assistant treasurer of the Royal Trust Corp., of Canada.

'66

Dr. KEN JOHNS, BEng'66, has been nominated dean of the Faculty of Engineering at the University of Sherbrooke, Que.

JAMES McCOUBREY, BCom'66, president and chief executive officer of Young and Rubicam Ltd. (Canada), Toronto, Ont., has been named director of Latin American operations.

LAURENCE J. RUSS, BSc'66, MSc'67, PhD'70, has been appointed vice-president, research of Ortho Pharmaceutical (Canada) Ltd.

'67

GORDON G. COOK, BEng'67, has become vice-president, engineering for Comterm Ltd., in Pointe-Claire, Que.

JACQUES LARIVIERE, MBA'67, has been named vice-president, corporate development of Culinar Inc., and chief executive officer of its subsidiary, Orchard Hill Farms, Inc., in Red Hook, N.Y.

Dr. MORTON F. ROSEMAN, BEng'67, has been appointed chief engineer for McPhar Geophysics.

ROBERTA S. STEINBERG, BA'67, has been appointed vice-president, personnel, with Harlequin Enterprises Ltd.

JANET WILLIS, BA'67, chairperson of community services at Centennial College, Scarborough, Ont., edited a special women's edition of *College Canada* last January.

LOREA A. YTTERBERG, BN'67, has been appointed vice-president, nursing, for the University of Alberta Hospitals.

'68

JAKE EISENWASSER, BEng'68, is now a product development specialist for Liquid Carbonic Ltd., Montreal.

CHRISTOPHER JURCZYNSKI, BA'68, has taken a position as manager, corporate finance, with the Canadian Imperial Bank of Commerce's corporate finance division.

STEVEN J. LENARD, BEng'68, has been appointed assistant general manager, corporate marketing for the Toronto Dominion Bank in Toronto, Ont.

MICHAEL SHEEHY, MD'68, has been named medical director of the Silver Hill Foundation, a private, non-profit, psychiatric hospital in Valley Road, Conn.

ROGER URQUHART, BEng'68, MEng'70, is now director of metallurgy for Fenco-Lavalin, Consulting Engineers in Montreal.

'69

CLAUDIO BUSSANDRI, BEng'69, MBA'76, has been appointed president of the club group of Standard Brands Ltd., in Don Mills, Ont.

Dr. AARON J. RYND, BA'69, is a lawyer in Calgary, Alta., and has recently been appointed chairman of the Calgary Board of Health.

'70

RICHARD M. BEARDMORE, BSc'70, BArch'70, is serving as cooperant managing a low-income community development project for the Canadian International Development Agency in Lesotho, Southern Africa.

GÉRARD DELVAL, BEng'70, has been appointed manager, sales planning and administration in the apparatus and heavy machinery sales department of Canadian General Electric in Montreal.

VICTOR M. DRURY, BA'70, of Imasco Ltd., has been elected president of the Montreal chapter of the International Association of Business Communicators.

MELVIN J. GRIMES, BEng'70, MEng'73, has been appointed vice-president, operations of the Mississauga, Ont., division of Marshall Steel Ltd.

PAUL J. WEINBERG, MA'70, vice-president, employee relations for American Express Co., New York, N.Y., was named to the U.S. employer delegation to the sixty-seventh session of the International Labour Organization Conference held in June, in Geneva, Switzerland.

continued next page

'71
MYRTLE I. MacDONALD, MSc'71, is director of nursing education in a 142-bed hospital and responsible for community health nursing in Berhampur, Orissa, India.
DHANBIR MATHUR, PhD'71, is a scientist at the National Dairy Research Institute in Karnal, India.

'72
Dr. HANI HENEIN, BEng'72, MEng'75, has been appointed assistant professor in the metallurgy and materials science department at Carnegie-Mellon University, Pittsburgh, Pa.

'73
ANGELA "BAY" BUCHANAN, MSc'73, has been named treasurer of the United States by President Ronald Reagan.

BARBARA CORDEAU, DipPT'64, BScArch'71, BArch'73, works for Cordeau-Hopewell, Architect, Toronto, Ont., a firm that recently won second prize in the national competition for the design of the new Edmonton City Hall in Alberta.
WILLIAM A. SPENCE, BEng'73, has been named president of Parfumerie Versailles Ltée., the Canadian distributor of Chanel products.

'74
Dr. FRANK MUCCIARDI, BEng'74, MEng'77, of McGill's mining and metallurgy department, has been awarded the President's Gold Medal, 1981, by the Canadian Institute of Mining and Metallurgy for the best graduate thesis in the earth sciences.
GARY L. NEWTON, BCom'74, has been admitted to partnership in the Montreal office of Hyde, Houghton & Co., Chartered Accountants.

'75
STEWART COHEN, BSc'75, recently completed a PhD in geography at the University of Illinois in Urbana-Champaign, and will become a sessional assistant professor in the geography department at York University in Downsview, Ont.
IRWIN GOLDSTEIN, MD'75, an assistant professor, urology, at the Boston School of Medicine in Massachusetts, has won both a research fellowship and the Ronald Reagan Award from the U.S. Kidney Foundation.
JAMES M. GRIFFIN, Eng'75, is now technical director, mining and minerals division, Chase Manhattan Bank, New York, N.Y.
ELIZABETH A.L. SANDERSON, BA'75, will become a legal adviser in the federal Justice Department's division of legal services for the Secretary of State in Hull, Que.
PHILIP D. SCHNEIDER, BCL'75, is a partner in the firm of Schneider & Doré of Montreal and practises criminal law.

'76
VINCENZO DI NICOLA, BA'76, recently received a medical degree from McMaster University, Hamilton, Ont., and has begun specialty training in pediatrics at the Montreal Children's Hospital.
WANDA KALUZNY, BMus'76, was awarded a Canada Council arts grant to study conducting with Charles Bruck in Paris, France and tour Europe as Maestro Bruck's assistant from March to June of this year.
MYRA WEISSLAS, MSW'76, has been appointed executive director of the Hampton Y.M.C.A. in Notre-Dame-de-Grace, Que.

'77
MARGARET HORGER, BScOT'77, has been appointed chief of occupational therapy at Chestnut Hill Hospital in Philadelphia, Pa.
NAGY S. KOLTA, BSc'77, MBA'79, works in the loans department, merchant banking divison, of the National Bank of Abu Dhabi in Abu Dhabi.
ERIC PARTELPOEG, BEng'77, MEng'81, is working as a process engineer at the Hidalgo Smelter, Phelps Dodge Corp., Playas, New Mexico.
CAROLE ST. CHARLES, BSc'77, MSc'79, has been named president of Dr. J.O. Lambert Ltd., Longueuil, Que., a firm that specializes in making cough syrup.
CYNTHIA K. TAYLOR, BA'77, formerly an information officer in McGill's Public Relations Office, is executive assistant to the national president of the Federal Progressive Conservative Party in Ottawa, Ont.

'78
GLENN CHALDER, BSc'78, received a master's degree in city and regional planning from the Graduate School of Design, Harvard University, Cambridge, Mass., in June 1980 and is currently planning director in Avon, Conn.
AMY (SETO) THOMPSON, BScPT'78, is head physiotherapist at Jonquière General Hospital, in Quebec.
LORNE THOMPSON, BEd'78, MEd'81, is coordinator of the guidance and counselling department, Saguenay – Lac St. Jean Region, Eastern Quebec Regional School Board, in Arvida, Que.

'79
ARLENE CAPRICCI, BSc'75, MD'79, is a general practitioner at the Dryden Medical and Dental Clinic in Ontario.
LAURIE D. MILLAR-HADRILL, BA'79, MLS'81, is assistant reference librarian at Westmount Public Library, Westmount, Que.
ROSELAINE SILVER, BCom'79, received a master's degree in health administration from the University of Ottawa, in Ontario, and is working for Hospital System Study Group – Projects and Consultants in Regina, Sask.

'80
ROBERT MALYK, MEd'80, a science teacher at Centennial Regional High School, Greenfield Park, Que., has won the 1981 CIBA – GEIGY Award for Exemplary Secondary Science Teaching.
PENNY MARRETT, BMus'80, has been appointed orchestra manager of the Kitchener-Waterloo Symphony, Ontario.

Deaths

'10
LILIAN (PLAISTED) WINCH, BA'10, at Cowansville, Que., on March 28, 1981.

'13
ALLAN A. McGARRY, BA'13, at Montreal on Feb. 13, 1981.
HELEN A. SHEARING, BA'13, MA'15, at Vancouver, B.C., on April 23, 1981.

'17
WILLIAM HERBERT BENNET, Eng'17, at Montreal on March 11, 1981.
GEORGE W. BOURKE, BA'17, at Montreal, on June 14, 1981.
JESSIE (PANGBORN) LINNELL, BMus'17, at Montreal on Jan. 24, 1981.

'18
MARY CAMERON HAY, BA'18, at Lachute, Que., on Jan. 24, 1981.

'20
DOROTHY (CHARLTON) BROWN, BSc(Arts)'20, at Montreal on Feb. 12, 1981.

'21
J. FRED HOCKEY, BSA'21, at Kentville, N.S., on Dec. 6, 1980.
RICHARD AUGUSTUS PARSONS, Q.C., BCL'21, on March 31, 1981.
LLOYD B. ROCHESTER, BSc'21, at Ottawa, Ont., on May 6, 1981.

'22
IVAN E. BROUSE, MD'22, on Dec. 12, 1980.
Hon. GEORGE C. MARLER, BCL'22, LLD'65, at Montreal on April 10, 1981.

'23
HARRY C. BALLON, MD'23, at Montreal on April 7, 1981.
LESLIE A. WATT, BArch'23, at Vernon, B.C., on Jan. 27, 1981.

'24
WILLIAM MANLY BOURKE, BA'21, BCL'24, at Kingston, Ont., on Feb. 4, 1981.
SAMUEL HERSHORN, DDS'24, in Florida on Jan. 29, 1981.
RUSSELL CLARK ZINCK, MD'24, at Lunenberg, N.S., in January 1981.

'25
FLORENCE ROBERTSON, DipEd'25, on Feb. 19, 1981.
JOSEPH G. SENECAL, MD'25, on Jan. 30, 1981.

'26
ROBERTA (DUNTON) FERRABEE, BA'26, at Montreal, on April 24, 1981.

'27
J.A. CARNEY, DDS'27, at Montreal, on Feb. 24, 1981.
ARTHUR J. HICKS, BSA'27, MSc (Agr)'31, at Caracas, Venezuela on April 5, 1981.
H. LLOYD JOHNSTON, BSc'27, at Toronto, Ont., on March 6, 1981.
HELEN (McKEAN) PULLEN, DipPE'27, at Halifax, N.S., on April 17, 1981.

'29
JOHN GLASSCO, BA'29, at Montreal on Jan. 29, 1981.
Rev. Dr. DONALD N. MacMILLAN, BA'29, MA'30, at Toronto, Ont., on Feb. 25, 1981.

'30
BEATRICE (HOWELL) BROWN, BA'30, in November 1980.
WILLIAM R. McMASTER, BCom'30, at Surrey, England on April 26, 1981.
MAURICE N. O'CONNER, MD'30, at Springville, N.Y., on Dec. 3, 1980.
SAUL SOLOMON, BA'26, MD'30, at New York, N.Y., on Jan. 20, 1981.

'31
MARGARET (BURRIS) BASSETT, BA'31, in June 1980.
HENRY E. BLACHFORD, BSc'31, at Whitby, Ont., on Jan. 27, 1981.
B. BENNO COHEN, BA'28, MA'30, BCL'31, at Montreal on May 7, 1981.
HELEN (THOMPSON) DOBBIN, BA'31, at Winnipeg, Man., on March 4, 1981.

'32
D. ARCHIBALD FINLAYSON, BSc (Agr)'32, MSc'34, on Jan. 30, 1981.
MORTON M. MENDELS, BA'28, BCL'32, at Washington, D.C., on Feb. 9, 1981.
FREDERICK D. MOTT, MD'32, at Pittsford, N.Y., on May 27, 1981.

'33
PHILIP N. EVANS, BEng'33, at Sackville, N.B., on Jan. 23, 1981.
RUTH (McCULLOCH) MACORQUODALE, BLS'33, at Montreal, on March 18, 1981.

'34
JOSEPH BLOOM, BSc'30, MD'34, on May 15, 1981.
ANTONIA RAYMOND, BEng'34, at Tokyo, Japan on Feb. 24, 1981.
OAKLAND K. ROSS, BEng'34, at Cowansville, Que., on April 18, 1981.

'35
HELEN F. BOYD, BA'35, at Montreal on April 20, 1981.
Judge LOUIS F. CANTIN, BCL'35, on Sept. 27, 1980.
STUART LIPPINCOTT, MD'35, on Jan. 19, 1981.
L. GILBERT MARROTTE, BCom'35, on March 2, 1981.
WILLIAM T. MORAN, BCom'35, on Feb. 23, 1981.

'36
ABRAHAM CRELINSTEN, BA'36, on June 13, 1980.
HARRY L. McKEEN, MD'36, in March 1981.
RAOUL GIRARD, BEng'36, on August 26, 1980.
ROBERT J. LAW, BEng'36, at St. Margarets Bay, N.S., on April 18, 1981.
HAROLD P. LYON, BSc'32, MD'36, DipPH'43, on Jan. 31, 1981.
W. GRAHAM STANYON, BCom'36, at Montreal on Feb. 25, 1981.

'37
CYRIL A. HORTON, PhD'37, at Beud, Oregon on Jan. 3, 1981. *continued page 25*

IN MEMORIAM: KENNETH H. BROWN, Q.C.

On November 11, 1980, McGill lost a distinguished graduate, a man who had had a lifelong association with the University and served it well.

Born in Montreal in 1908, Kenneth Brown, BA'29, the son of the late Ernest Brown, dean of Engineering from 1931 to 1941 and a teacher at McGill for forty-one years, spent his entire secondary school career just off the campus at the High School of Montreal before crossing the street to obtain his Bachelor of Arts degree. Later, he attended Oxford as a Rhodes Scholar from Quebec.

In 1933 he returned to Montreal. Admitted to the Bar of Quebec, he joined Mann and Mackinnon to practise with this law firm, which in due course became Lafleur, Brown, de Grandpré, until his death.

His practice was interrupted by World War II when Brown enlisted in the McGill C.O.T.C. Commissioned in the Royal Canadian Artillery, he went overseas in November, 1941. Here he was posted for most of the war in the United Kingdom and North-West Europe and was awarded an O.B.E. for his military service.

Brown was a keen sportsman: in high school he was on the football and track and field teams, and at McGill he took up track as well as fencing to become Intercollegiate Mile Champion in 1928 and Dominion Fencing Champion in 1933.

This led to his concern with the ever-increasing cost of intercollegiate sports at McGill. He was one of the founders of the Martlet Foundation in 1954, which solicited and administered funds for this purpose. He was subsequently nominated by the Graduates' Society to the Board of Governors of the university on which he served for ten years until December 1978, when he was appointed a governor emeritus.

His wife Agnes, step-daughter of the late Dean of Engineering R.E. Jamieson, predeceased him by about a year, and they are survived by one daughter, Micaela (Mrs. W.S. Wilson) of Calgary and by one son, Alan, of Chesterton, Indiana.

IN MEMORIAM: STUART M. FINLAYSON

McGill University has lost an outstanding alumnus, and Montreal has lost a respected community and civic leader, with the death of Stuart Finlayson, BSc'24, LLD'76, on April 1, 1981.

Even in his student days at McGill, the Montreal-born Finlayson manifested a highly innovative spirit that led him on to play a major role in the introduction of radio and television to Montreal. As an undergraduate, he did pioneer work for the fledgling Radio McGill and also entered the Canadian Marconi Company as an engineering apprentice. In his successful career with this firm, he rose over the years to become general manager in 1945, president in 1951, and a board member until his retirement in 1977.

Joining the Canadian Army Reserve in 1936, Finlayson served with the Royal Canadian Signal Corps, became the commanding officer of his unit from 1943 to 1945, and retired a lieutenant-colonel. In the post-war years, he dedicated himself to community service, becoming governor and president of both the Montreal Children's Hospital and the Montreal Neurological Hospital. In the town of Hampstead, where he lived with his family, he was elected councillor from 1952 until 1964 and mayor from 1964 to 1974.

Finlayson also served his alma mater enthusiastically. He was president of the Graduates' Society in 1959-60, a strong supporter of Radio McGill, and an active member of the advisory board of the McGill Student Entrepreneurial Agencies. Elected as a graduates' governor from 1960 to 1963, he was invited to rejoin the board in 1965 and took over its demanding chairmanship from 1970 to 1975. In the latter years, Finlayson was named Chancellor of the university, which chose to acknowledge his notable contribution to McGill and Montreal by the award of an LLD *honoris causa* in 1976.

These tributes were written by Executive Director of the Graduates' Society, Gary Richards.



Class of Science '10 at their reunion. Circled is Ashley Colter.

Science 1910 and Class Bequest Programs

When Science '10 celebrated its Fiftieth Anniversary Reunion in 1960, the Class decided to do "something extra and lasting" for old McGill. It set up a Class Bequest Program.

Ashley A. Colter, President of the Diamond Construction Company of Fredericton, N.B., was appointed Class Bequest Chairman. Mr. Colter had long been active with the Graduates' Society. He served as President of the McGill Society of New Brunswick and as Regional Vice-President of the Graduates' Society for the Maritimes. Ashley Colter was also a Governor of the University.

For many years he wrote an annual Class Newsletter reminding his Classmates of the Science '10 Bequest Program. As a result bequests of all sizes have been received and now total more than $186,000.

Class Bequest Programs provide McGill with a greater number of bequests–large and small. If you think your Class would be interested in starting a Class Bequest Program contact:

McGill Bequest & Planned Giving Program
3605 Mountain Street
Montréal, Québec H3G 2M1
Tel. (514) 392-5932

FLORENCE (MATTS) JOSEPH, DipSW'21, BA'37, at New York, N.Y., on April 22, 1981.

'38
ALICE HOPE (THOMPSON) AITCHISON, BA'38, at Blacksburg, Va., on Jan. 3, 1981.

'39
BRUCE E.A. KAY, BEng'38, at Ottawa, Ont., on Feb. 23, 1981.
J. NEILSON LEWIS, MA'39, in December 1980.
JOHN E.O. PEARSON, BA'39, at Toronto, Ont., in January 1981.

'40
RUPERT B. TURNBALL, MD'40, at Honolulu, Hawaii on Feb. 18, 1981.

'42
DAVID N. ZWEIG, BA'42, MA'49, at Montreal on Feb. 22, 1981.

'43
FRANCIS X. DEVER, MD'43, in March 1981.

'44
Dr. ALLAN CHAN, BSc(Agr)'44, MSc (Agr)'46, at Ottawa, Ont., on Jan. 11, 1981.

'45
JACK SCHREIBER, BSc'45, on Feb. 24, 1981.

'46
THOMAS J. COONAN Jr., BCL'46, on March 19, 1981.
ALAN D. TENNANT, BSc(Agr)'46, MSc'49, PhD'55, on July 5, 1980.

'47
JEAN C. CROTEAU, BEng'47, at New Orleans, La., on March 15, 1981.

'48
HELEN (HARRIS) LAURIN, BA'48, at Guelph, Ont., on April 11, 1981.

'49
JAMES A. KENDREE, BCom'49, at Toronto, Ont., on April 24, 1981.

'50
WALTER KRUCHOWSKI, BEng'50, on Dec. 11, 1980.
ROBERT L. SWEET, MD'50, at Pointe Claire, Que., on Feb. 24, 1981.

'51
G. DONALD BOYD, BCom'51, at Toronto, Ont., on April 3, 1981.

'53
ALEXANDER MIERZWINSKI, BCL'53, at Montreal on March 13, 1981.

'54
WENDY (CHILD) JONES, BA'54, at Montreal on Feb. 1, 1981.

'58
Dr. A. GEOFFREY FISH, MSc'58, on Dec. 12, 1980.
SAM GOLDWATER, BA'58, at Montreal on Jan. 30, 1981.

'62
DIANA C. KERTLAND, BLS'62, at Thunder Bay, Ont., on March 25, 1981.

'63
PEGGY (FRANDSEN) FACKRE, BSc'63, at Waterloo, Ont., on Dec. 13, 1980.
SHEILA B. MacTAGGART, BCom'63, at Montreal on Feb. 9, 1981.

'71
JOHN W. TARR, DDS'71, on Nov. 22, 1980.

'72
RUBY KNAFO, MA'72, on May 4,1981.

'76
ULDIS AUDERS, BSc'72, MD'76, in Switzerland on April 30, 1981.

'78
DENYSE RICHARD, BEd'78, at St. Donat, Que., on April 16, 1981.

'79
MARGARET ANNE QUINN, BSc'79, on Jan. 26, 1981.□

McGill Society of Montreal Travel Programme

1981-82

Sailing Excursion in P.E.I.
Date: From June 1st to August 20 (selected 8-day excursions)
Price: From $500.00 Cdn. per person (includes return flight from Montreal)

India, Nepal & Sri Lanka
Departure: 2 Oct. - Return 24 Oct.
Price: $3,480.00
Tour Conductor: Dr. S. Frost
Extension in London possible

Tanzania, Seychelles & Kenya
Departure: 12 Feb. - Return 4 March (1982)
Price: $4,000.00 approximately
Tour Conductor: Dr. N.L. Courey

Programmes in Preparation
Jan. 82 - Hawaii - 2 weeks Kiahuna Plantation - $1,400.00 approximately

Feb. 82 - Ski Utah - 1 week - 2 departures

Feb. 82 - Ski Switzerland - 2 weeks - in Verbier - price to be announced.

Mar. 82 - South America - 3 weeks - price to be announced

Mar. 82 - South America - 3 weeks - price to be announced

Mar. 82 - Costa Rica - 10 days - 7 days Jaco Beach - 3 days San José - price to be announced

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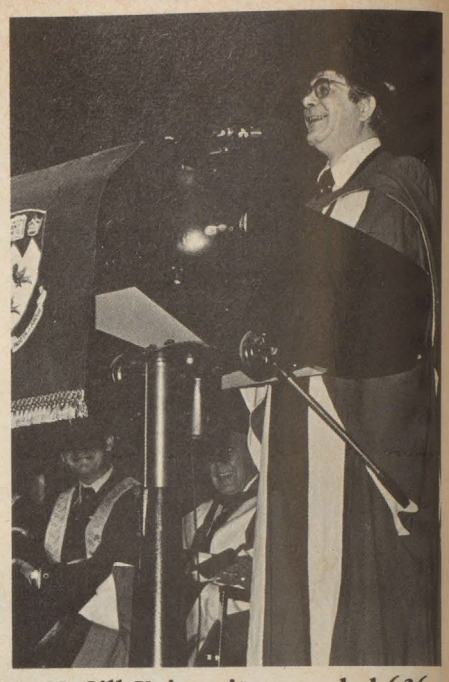
Membership in the Travel Programme is available to graduates, parents and associates making contributions to McGill or by paying $10.00 fee to the McGill Society of Montreal

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St. Laurent, Quebec
H4M 2N7
Tel: (514) 747-0613

Spring Convocation '81

Photography by *Pierre-Louis Mongeau*





McGill University awarded 636 diplomas and 3,492 degrees at its six convocation ceremonies this spring. The Health Sciences convocation held on May 22 began the ceremonial followed by that of Agriculture, taking place outdoors on the Macdonald Campus.

At the Arts-Social Work-Law convocation, one of the four commencements held at Place des Arts, retiring Professor of



Economics Eric Kierans was awarded an honorary LLD (below). Retiring Dean of Arts Robert Vogel, MA'54, PhD'59, (left) after entoning the long list of graduates from his faculty, continued with an unfaltering delivery of the convocation address, saying that men should look beyond the divisiveness of ethnicity to the unity of their common humanity.

Then with a flourish of horns and a fluttering of bachelors' black gowns, celebrants retired to the terrace outside of Salle Wilfrid Pelletier to drink wine and pose for family snapshots. Some were surprised to be photographed, as well, by McGill News photographer Pierre-Louis Mongeau.







SOCIETY ACTIVITIES

by *Gary Richards,* executive director of the Graduates' Society

"The university's deficit must be included annually in the Annual Report of the university," noted Stephen Leacock in his annual report to the 1930 McGill Annual produced annually! This summer the deficit is again the talk of the campus as McGill, like its sister Canadian universities, tries to do more with less. The Graduates' Society is particularly hard hit because each spring its ranks swell by some four thousand members. A recent analysis of the university budget in fact showed that the expenditure of the Society and Fund Office has fallen in purchasing power by 27 per cent in recent years. At the same time the number of our programmes, services, and special projects has increased by over 200 per cent.

The major reason for our growth, despite the decline of our dollars, has been the increasing flow of members who volunteer their leadership to the Graduates' Society. This is the source of its success, unmatched by other Canadian universities, and "worth literally hundreds of thousands of salary dollars," concluded President John Hallward, BA'50, in his recent budget presentation to the university's Budget Planning Group. The Society now counts on some two thousand volunteers from around the world.

During this period of financial austerity, which finds the *McGill News* going out to only one-half of last year's readership, it is perhaps appropriate to look closely at the continuing strength of the Graduates' Society. While there are a variety of events for the world-wide McGill family, the one permanent link between the university and its graduate is the class unit. Although most classes at McGill are much larger now than they have ever been, they still maintain an executive of class officers. And in March, Principal Johnston and Society President Hallward hosted the 1981 class officers, who represented every faculty and school of the university. More than eighty of them had been chosen to coordinate their class newsletters and plan their first reunion for 1986.

A perhaps more innovative way of staying in touch with classmates has been developed in the International Finance Studies section of the McGill MBA programme. Two 1981 graduates—Angela Garcia and Madeleine Aksich—together with Professor Hamid Etemad, Management Dean Laurent Picard, and the Graduates' Society, have formed the International Business Association of McGill Alumni. They will promote communication through newsletters with MBA grads interested in international finance. Their founding members from seventeen countries propose, as an antidote to the foreign student tuition increase, that contributions be collected to support students coming from abroad to study for their MBA at McGill.

Graduates have been forming further links with McGill and the Society through new branch activities in Singapore; Atlanta, Georgia; and Athens, Greece, while the Hong Kong branch is expanding its programme under the leadership of Robert Fung, MD'60. In support of these branch efforts, Principal and Mrs. Johnston met with grads this spring in San Francisco and Los Angeles, California and in Singapore and Hong Kong, en route to the Association of Commonwealth Universities meeting. The Principal also represented McGill at gatherings in London, Sudbury, Sault Ste. Marie, and Toronto, Ontario.

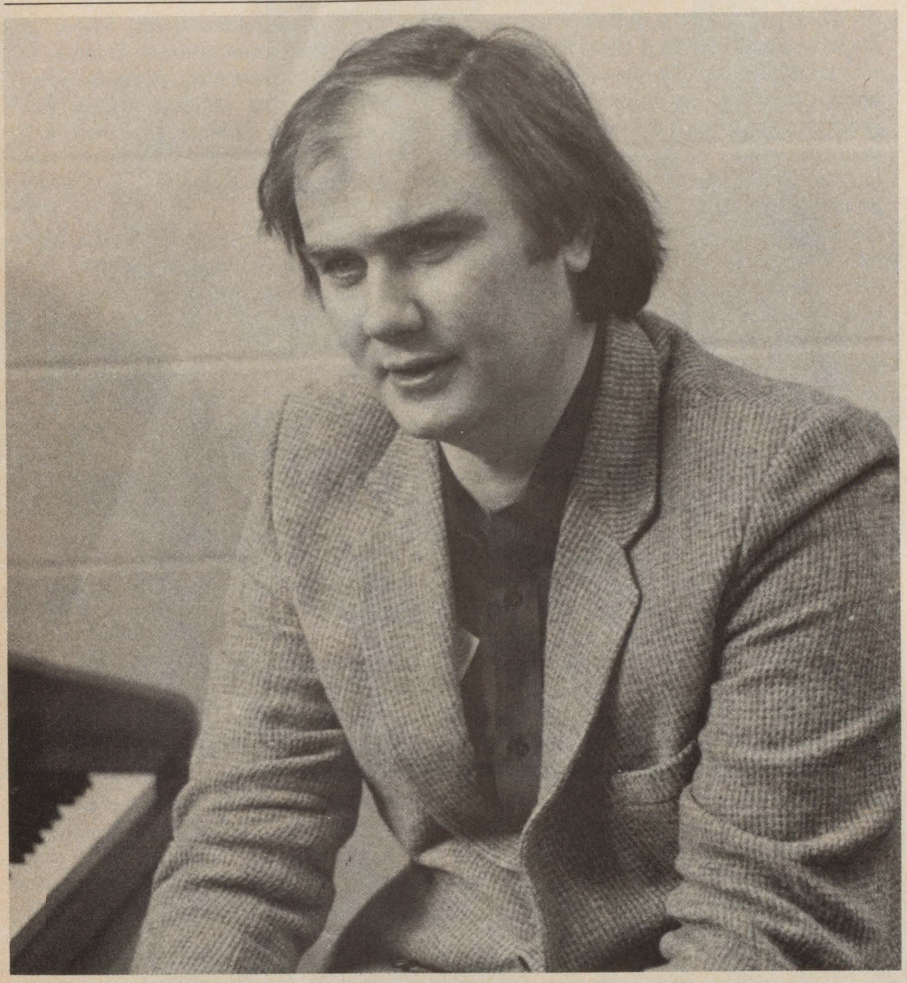
The 1980 *Directory of McGill Graduates* is almost sold out (ten copies are left) and Chairman of the Directory Committee Mike Richards, BCL'63, announced that the project (including the preliminary questionnaire and the up-date of addresses) has been a self-financing success.

Chairman of Reunion '81, Bernie Moscovitz, BA'66, says that seventy classes so far are planning reunion events this year. Launching reunion weekend, the annual meeting of the Society will take place on September 17, at which time President Hallward, Principal Johnston, and Chancellor Harrington will welcome returning graduates.

The Alma Mater Fund (AMF), which has just closed its books for another year, has raised a record $1.35 million. At the May board meeting, AMF Vice-Chairman Keith Ham, BA'54, BCL'59, thanked the graduates in more than ten regions and fourteen major cities for their work in coordinating and staffing phonathons. He particularly singled out Dan Amadori, BCom'72, and his crew in Toronto and the McGill Society of Montreal coordinators, Ann Vroom, BA'67, Alex Murphy, BA'65, Tony Peccia, BCom'79, and Rob Kerr, BSc'66.

While McGill may rank fifth in terms of the numbers of its graduates in comparison to those of other Canadian universities, it ranks first when it comes to the different ways its graduates support their alma mater. □

FOCUS
Donald Steven



Harold Rosenberg

If eclecticism defines the artistic mind of the eighties then composer Donald Steven, BMus'72, is truly contemporary. "I manage to find interesting elements in every genre of music, with the possible exception of Barry Manilow," jokes Steven, whose musical career has progressed through a variety of styles. But this sought-after composer is best known, especially in Europe, for his modern classica compositions.

Steven's introduction to music came at age five when he began studying classical piano, which he later dropped in favour of the guitar. In the early sixties, after an unsuccessful attempt at studying medicine at McGill, the native Montrealer embarked on a career as a professional musician. He toured Canada and the United States playing guitar, singing, and arranging with several popular folk and rock groups including the Rafsmen and Crystal Staircase. In 1968, he returned to McGill as a student, later to become an assistant professor of music and finally, in 1976, chairman of the composition department.

Initially, he found even the mildest comtemporary classical work difficult to appreciate. "My first encounter with Berg's Piano Sonata no. 1 was a shock. I couldn't understand how people could be interested in, never mind like, that modern stuff. I guess I've now been brainwashed," he adds playfully.

While he admits he has found "a broad niche" for himself in the world of music, he maintains an eclectic approach to his compositions, at times drawing on the rhythmical elements of free-form jazz or the electrical instrumentation of rock. He describes his influences from Brahms to Berg to Crumb as "too numerous."

Although his compositions share common characteristics, he insists there is no unifying style. "I'm off in a different world from piece to piece," he says. Commenting on a composition he is writing for four synthesizers of the Canadian Electronic Ensemble in Toronto, he explains: "It will be quite different from *Rainy Day Afternoon,* which was written for the Mount Royal Brass Quintet, just by virtue of the instrumentation."

Composing in his study, Steven moves between a piano and a desk, sketching and playing. "I rely on my intuition and my reactions to ideas as they arise," he says. "If I sit down to write tomorrow instead of today, the piece could take on a noticeably different shape."

Critics have called his work "overly romantic," but Steven defends the emotive qualities he considers important. He feels he has had to work hard to recapture the spontaneity lost while completing his MFA at Princeton in 1974, where composition methods were highly formalized.

Steven is particularly excited about the inspired interpretation of his composition *For Madmen Only* by premier cellist Tsuyoshi Tsutsumi. The concerto for cello and orchestra was written for Tsutsumi and recorded with the McGill Symphony Orchestra. The work is a portrait of eloquent psychological contrasts in which the cello, featured almost entirely alone, is teased by the chaffing orchestra. Based on impressions drawn from Hermann Hesse's novel *Steppenwolf,* the twenty-five-minute piece took Steven three years to complete. High production costs, however, delayed its premiere in Pollack Hall until November 1980.

For Madmen Only and *Rainy Day Afternoon* will both be released this fall by McGill University Records, where Steven works as a producer. "It's like a university press in musical terms," says Steven who oversees the on-campus recording sessions. "All the performers are McGill faculty or students, and every staff composer is represented in the series." McGill has produced eight albums to date, with Steven's as one-of-four additional recordings soon to appear under the university's label.

Realizing that the average symphony goer finds contemporary classical music bizarre, Steven still works in the vanguard, exploring new musical forms. He envisions a time when audiences, seated in a darkened concert hall, will close their eyes and listen to a taped performance of computer music programmed by the composer. He is excited that today computers can surpass the rhythmic limitations of even a great musician, putting a world of new sound at the composer's disposal. Without the musician as intermediary, the composer, as sole interpreter of his own work, has direct access to his audience.

Yet despite these computerized possibilities, Steven, always eclectic, still values an excellent interpretive performance. "The kinds of subtleties and modes of expression that a fine artist can bring to my work lift it off the page. It surpasses what has been written," he concludes. *Judee Ganten* □



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REUNION 81

THURSDAY, SEPTEMBER 17

5:30 pm
OPENING RECEPTION & DINNER with special guest Principal Johnston who will welcome all returning alumni – Ritz Carlton Hotel.

FRIDAY, SEPTEMBER 18

8:30 am
DENTAL SEMINAR, MEDICAL SEMINAR
10:00am
CAMPUS TOURS. Guided one-hour tour of lower campus from the Arts Building steps.

12 noon
LEACOCK LUNCHEON – Ritz Carlton Hotel: The 12th Annual Leacock Luncheon where laughter is the object, and for the first time moving into the role of perennial favourite, Donald MacSween, Director General of the National Arts Centre of Canada.

3:30 pm
FACULTY RECEPTIONS: Deans and Directors of the faculties and schools – Architecture, Arts, Dentistry, Engineering, Library Science, Medicine and Science, will welcome alumni to informal campus receptions.

5:00 pm
PRESIDENT'S RECEPTION: The Class of 1956 will be hosted by the President of the Graduates' Society – to be held at Le Quatre Saisons.

6:30 pm
CHANCELLOR'S DINNER: The Class of 1926 and earlier classes will be greeted by Chancellor and Mrs. C.F. Harrington, at Le Quatre Saisons.

6:30 pm
PRINCIPAL'S DINNER: Principal and Mrs. David Johnston will honour the 50th Anniversary Class of 1931 at a special dinner at the Ritz Carlton Hotel.

6:30 pm 'til.... A SPECIAL DINNER DANCE for the Anniversary Classes of '76, '71, '66 and '61. This will be held at the Faculty Club and will feature a reception, dinner and dancing in the charming setting of McGill's Faculty Club.

SATURDAY, SEPTEMBER 19

10:00 am
CAMPUS TOURS: Guided one-hour tour of lower campus from the steps of the Arts Building.

10:30 am
ALUMNAE RECEPTION: The women's branch in Montreal will hold a coffee and croissant reception for returning women graduates, spouses and friends. On hand to autograph her new book will be Professor Margaret Gillett.

12 Noon
GRADUATES' LUNCHEON: Pre-game luncheon, a short walk from the stadium, in Bishop Mountain Hall is a family event. Games for the children, cash bar for adults, box lunches for all.

2:00 pm
FOOTBALL GAME – Molson Stadium: The Redmen meet a challenge from their newest gridiron rival, Bishop's University.

4:30 pm
GRADUATES' RENDEZ-VOUS: The historic headquarters of the Graduates' Society will be the meeting place for everyone with complimentary refreshments, tastings, entertainment, nostalgia and a quiet coffee. It will be the jumping-off point for dining out in one of Montreal's great restaurants or heading on to a class event.

SUNDAY, SEPTEMBER 20

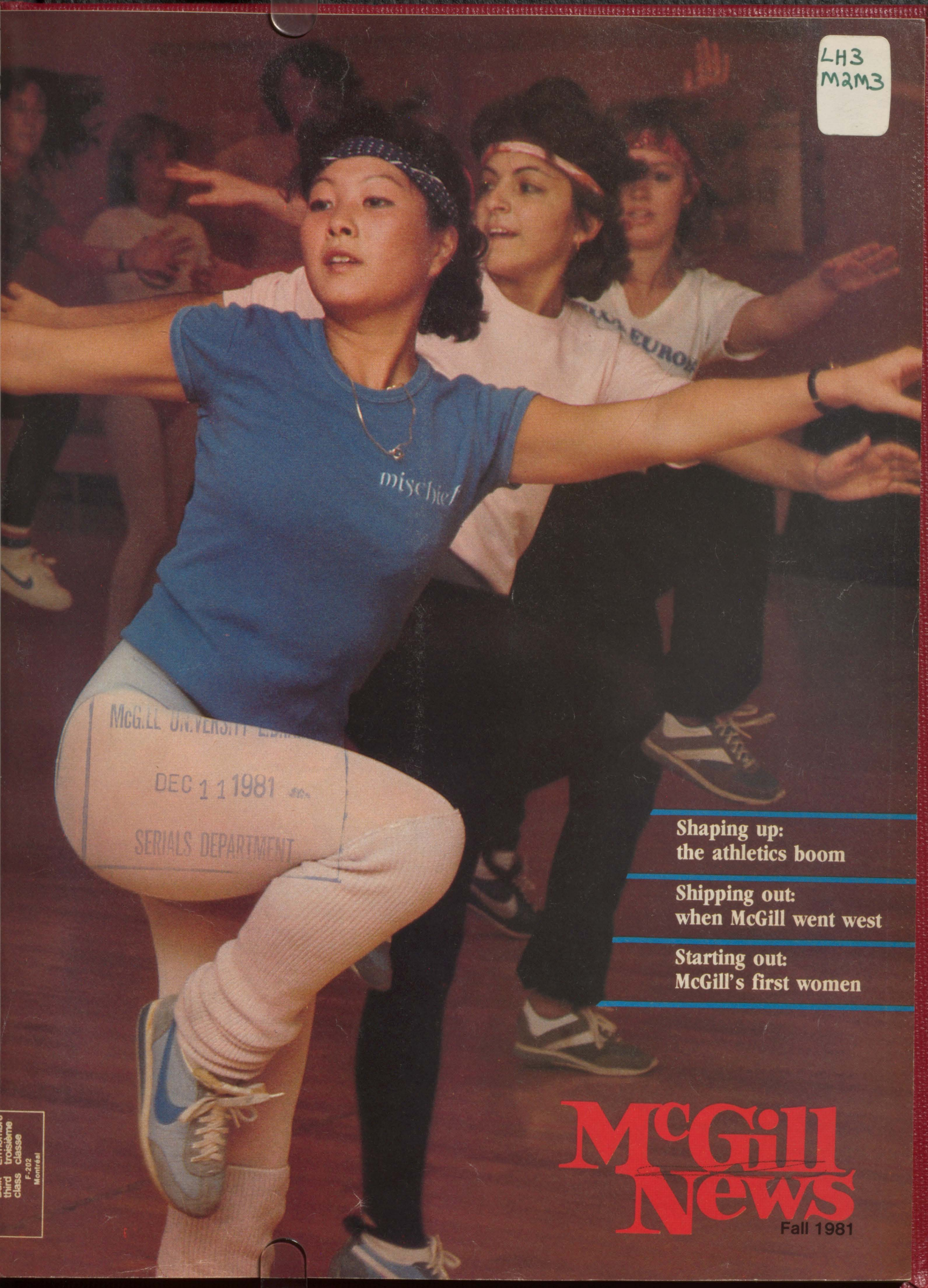
10:30 am
WALKING TOUR OF OLD MONTREAL: This is a popular event of Reunion Weekend, particularly for our graduates visiting from out of town and those who haven't taken the time to find out about the 17th, 18th and 19th century highlights of Old Montreal.

12 Noon
CLOSING LUNCHEON: The Walking Tour finishes near Gibby's in Youville Square, or you can plan to just drop by for the Closing Luncheon. This restaurant is famous for its decor and fine food.

MACDONALD CAMPUS

A separate mailing will be sent to Macdonald graduates inviting them to participate in a full Reunion program planned for the Ste. Anne de Bellevue Campus on Saturday, October 3, 1981.

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The official publication of the Graduates' Society, the **News** is sent without charge to all recent graduates and to all other graduates and friends who make annual contributions to McGill University.

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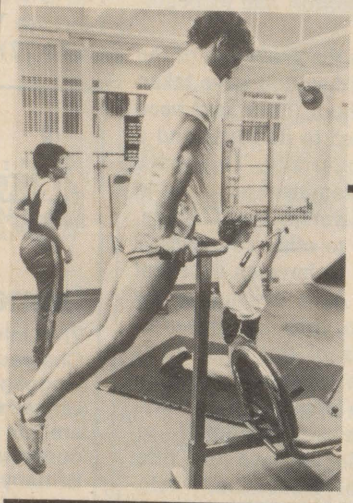
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FEATURES

When McGill went west
by *Dr. Stanley Frost* **8**

This year a little-known university anniversary marks the opening of McGill College, British Columbia. Read how McGill followed the pioneers to Canada's west coast and laid the foundations for UBC.

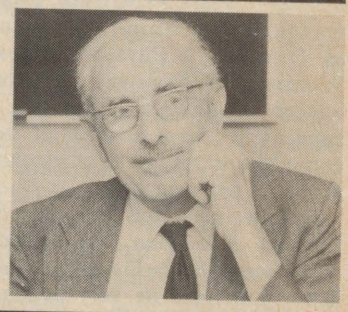


A lesson in fitness
by *Alison Nesmith* **10**

They lined up by the hundreds this fall to register in activities ranging from dance to aikido. Claiming that a good workout in the gym improves performance in the classroom, these fitness buffs are part of an athletics boom that is overtaxing gym facilities.

Magnus Pyke: the Dr. Spock of nutrition
by *Charlotte Hussey* **13**

From the university lectern, the disco dance floor, and on prime-time TV, Dr. Magnus Pyke preaches that a little scientific knowledge can be a very good thing. He believes, for instance, that many popular notions concerning the food we eat are absolutely incorrect.





My brilliant (McGill) career
by *Judee Ganten* **15**

In the late 1800s McGill was slow to abandon the stance that higher education was an unladylike pursuit. Consequently, the brilliant careers of its first alumnae were characterized by compromise.

DEPARTMENTS

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Cover: This chorus line's having fun keeping fit in an aerobic dance class.

Photograph: Harold Rosenberg

LETTERS

McGill's School of Phys. Ed.?

The *Directory of McGill Graduates, Centenary Edition* Committee is to be congratulated for undertaking such a mammoth project and for producing such a fine *Directory*. However, it is inevitable that such an undertaking will have some errors and omissions. Naturally, one looks at one's particular area of interest. This I did and have been disturbed about the treatment that has been given to the School of Physical Education.

On the introductory pages, the *Directory* mentions the degrees that have been granted, i.e., BEd(PE), BPE, and BSc(PE), but omits Dip(PE). Although it includes under "McGill Milestones" that the School of Physical Education was established in 1912, the School is never mentioned in the "Class Index." This puzzled me until I realized that all those listed under Education up to and including 1956 are graduates of the School of Physical Education. Why are these names under Education and not under the School of Physical Education?

Why am I interested in the School? First, I graduated from its two-year diploma course. Then after further study and a number of years' experience, I was invited to return to McGill in 1939 to join the staff as Director of Physical Education for Women and Assistant Director of the School of Physical Education. In that capacity, I was a member of the special committee to set up the curriculum for the BSc(PE) degree course.

As you may well know, the School of Physical Education was developed and administered by the Department of Physical Education from its very beginning until 1940, when it came under the jurisdiction of the Faculty of Medicine. In 1959 it was transferred to the Faculty of Arts and Science, where it remained until 1965 when it became a division of the Faculty of Education.

During these years the School went through various changes. By 1946 it had grown from a diploma to a degree course and granted the BSc(PE) for the next fourteen years. For one year, 1960, the degree of BPE was awarded. Then from 1961 to the present, graduates received a BEd(PE).

Under the early inspiration and devoted leadership of Ethel Mary Cartwright, followed later by Dr. Arthur S. Lamb, the School of Physical Education flourished, while its graduates, its influence, and its prominence spread across Canada and far beyond. McGill was the first, and for many years the only, Canadian university to have a School of Physical Education, and so it was the focal point for information and help for leaders in the field.

Many of the graduates taught in Montreal, and it was natural that they should get together to discuss common problems. It was here through the work of Dr. Lamb, with the cooperation of these teachers, that the Canadian Professional Organization of Physical Education was formed, and later the *Canadian Journal of Health, Physical Education, and Recreation* had its beginning.

Through the years the graduates of the School of Physical Education have taken great pride in their school. They have been very loyal and devoted to its cause and a great credit to the university. They have held important and prominent positions in practically all the universities of Canada, and many have gone to other countries.

McGill continues to have an excellent professional course. As a division of the Faculty of Education, it no longer has its former title. Because of this fact, many earlier graduates have asked such questions as, "Does McGill no longer have a professional school of physical education?"

Is it not possible to have the title, "School of Physical Education," reinstated? Could it not be known as the School of Physical Education under the Faculty of Education? That would help to clear up the matter for graduates and publicize the School's existence for prospective students. It would identify it, would give it the prominence that it well deserves and would have a definite influence on renewing the interest of former graduates.

Iveagh Munro,
Assoc. Prof. Phys. Ed. (retired),
Dip(PE)(McGill), BSc, MA (Columbia)

If you have any comments on McGill News *articles or ideas concerning the Society or the university, share them with your fellow graduates by writing the* McGill News, *3605 Mountain Street, Montreal, Quebec, H3G 2M1*

The Finlayson legacy

The members and alumni of McGill Amateur Radio (VE2UN) were sad to learn in the *McGill News* of the death of Stuart M. Finlayson. One factual error in his obituary requires correction.

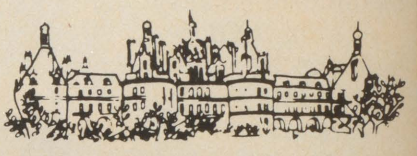
Finlayson was, during his student years, the first president of the budding "Amateur Radio Club," and not "Radio McGill," as you reported. The amateur radio service at McGill celebrates its sixtieth anniversary this year, making it the oldest Canadian university radio club. Amateur Radio (VE2UN), an international communications and experimental service, pre-dates Radio McGill (a "one-way" broadcast organization) by several decades.

Finlayson was instrumental in putting the Amateur Radio group on a solid foundation, by securing funding, equipment, and a locale for the station. During these early years, the Amateur Radio Club helped pioneer transatlantic communications, relaying messages between McGill physics professor, Dr. Eve, and Sir Ernest Rutherford in Cambridge, England. And this at a time when "commercial" broadcasting was still in its infancy.

Sixty years later, McGill Amateur Radio (VE2UN) looks back with pride on its years of service to the local and international communities — to emergency relief work with Guatemala, Nicaragua, Chile, and Bangladesh; to work with the United Nations and the Canadian Armed Forces; to the hundreds of radiograms sent annually for McGill students and to dozens of international awards and other honours.

It is a legacy that Stuart Finlayson began. He will be missed.

David Weiner, BSc'74
Licensee VE2UN and Past-President (1970-72)



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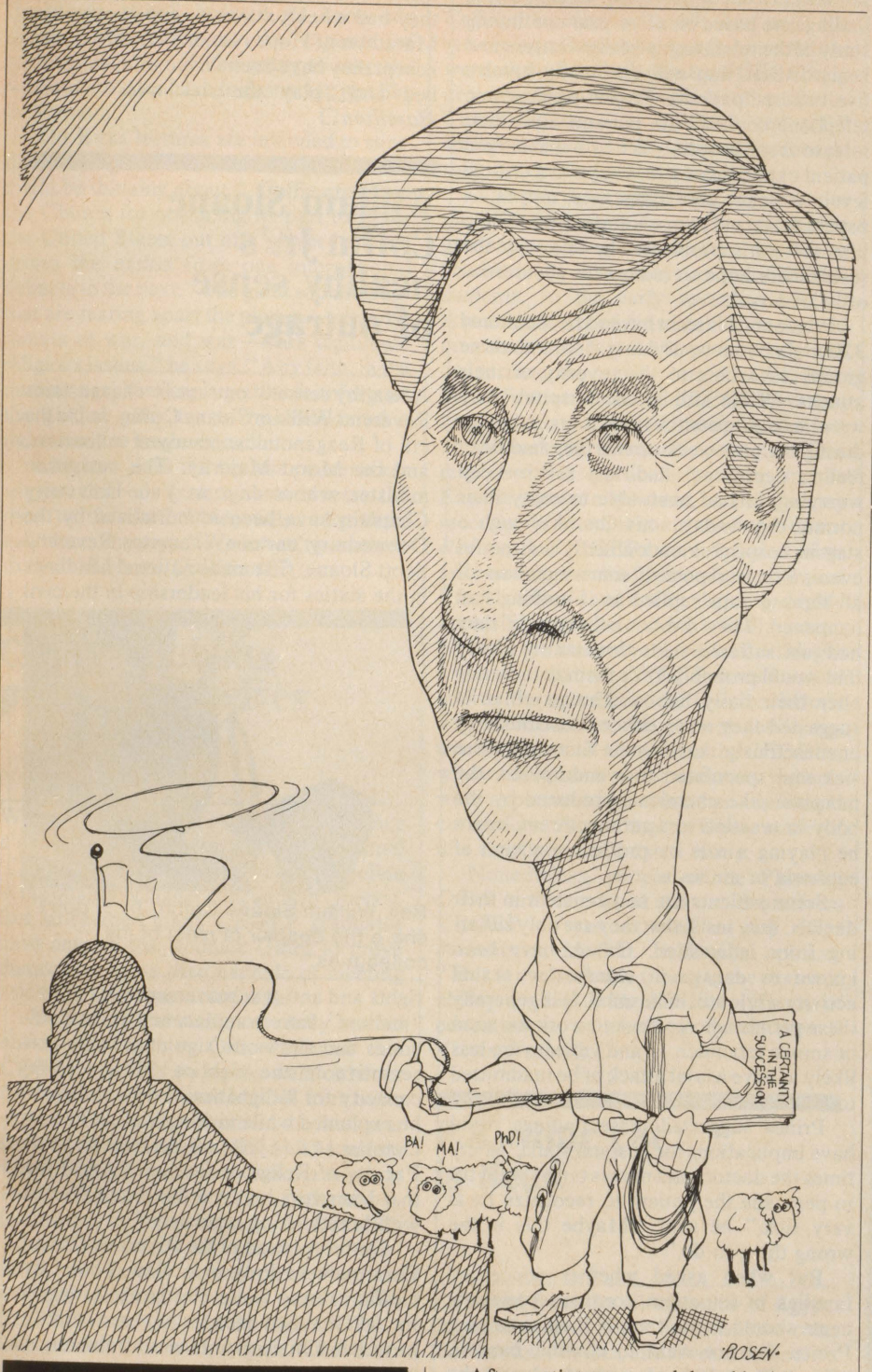
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WHAT THE MARTLET HEARS



Maxwell takes the reins

McGill's new Dean of Arts Michael Maxwell, DipAgr'54, MA'61, PhD'66, says he immigrated to Canada from Northern Ireland to pursue an agricultural education, make his fortune, and buy a farm, in that order. But his Canadian adventure unfolded in a much different manner.

After a stint as a ranch hand in Alberta, Maxwell completed his Macdonald College diploma in agriculture in 1954 and worked in Montreal as a stock buyer for Canada Packers. "I needed a job and felt my training might help me to work there," he explains. "But I had to learn a lot on the job. It involved looking at as many as sixty animals while they were alive and judging what they'd weigh when they'd been killed. I'd have to feel the sheep because sometimes they had thick fleece and were skinny underneath. Then I had to put a price on them per pound. That's experience no school can train you for."

Meanwhile, he lectured part-time at Sir George Williams University where he completed a BA in 1959. Deviating further and further from his original plans, he used a Woodrow Wilson Fellowship to continue his studies at McGill. As he points out, "I discovered, somewhat to my surprise, that history was my love and got into a graduate programme at McGill where I specialized in seventeenth century Irish and Scottish social history. I was particularly interested in refugee migration. When I went into this topic, people looked at me with amazement and asked, 'Whatever for?'"

But now after years of sifting through historical documents dealing primarily with agriculture, his preoccupation with Irish social history is attracting attention — but usually for the wrong reasons, he admits. People, he continues, often ask him to draw parallels between modern Ulster and sixteenth and seventeenth century Northern Ireland, a comparison he prefers to avoid: "I'm cautious about commenting on the twentieth century. If you're going to understand the seventeenth century, you have to take it on its own terms. An historian must always put himself in the place of the subject that he is studying. He must use his imagination to understand the period. If he imposes the twentieth century upon it, his perception of the past can be totally distorted," says Maxwell, whose current research interest is war and society in seventeenth century Ireland.

As well as teaching courses in Tudor and Stuart history and advising some seventeen graduate students doing their MA and PhD dissertations, Maxwell found the time to serve as the chairman of McGill's history department from 1972 to 1975, a position that well-qualified him for the next career milestone — his appointment to the deanship from which Robert Vogel, MA'54, PhD'59, retired last June. Selling his small farm, Maxwell anticipated that he would have to give his all to the demands of the deanery, a job he compares to polishing a window. In this analogy, McGill University is the window between Quebec and the rest of Canada. During the eighties, the university will try to draw more students from across Canada and the world into its arts programmes, he says, to offer them a chance to study in English while living in a French milieu.

As McGill's new dean of Arts, Maxwell will promote high quality teaching and research. He also plans to continue the arts programmes introduced by Dean Vogel that replaced the smorgasbord-style BA degrees of the early seventies with those that are more "structured" — a word Maxwell regrets because it can be too easily misconstrued to mean rigid. And he will work to dismiss the negative stereotype of today's arts student.

It's a myth that today's students are less enthusiastic than those of the fifties and sixties, he says. The Faculty of Arts is very much alive, although students are no longer

Continued next page

bursting with accusations and denunciations. "They are now challenging ideas in a careful, scholarly way. A university made up of independent scholars who have their own opinions must protect and foster those opinions," he concludes.

Maxwell also challenges the criticism that universities are turning out students who can't write: "Of course, there are deficiencies in writing technique, but I'm not sure the problem at McGill is worse than it was in the early sixties. Frankly, I deplore examinations by questionnaire. I suppose they have their place in some courses, but I think students ought to be asked to write as often as possible, and we should try to improve this written work. We have set up a committee to look into this matter, but there's been a reluctance to teach writing technique because professors don't want to neglect their subjects. Some people may think that universities don't demand enough written work, but there are faults earlier on in the educational system."

Back in the early fifties when he was punching cows in Alberta, Maxwell may not have anticipated that he would be dealing with such an issue as student illiteracy or be shepherding McGill's Faculty of Arts into the mid-eighties, for that matter. But then — in plain English — it's easier to lasso a dogie than predict the future. *Nancy Richter*□

Are coronary convalescents taking it to heart?

Some people just won't listen to their doctor's advice. They're the ones who are up and about too soon after an illness and even deny they've been sick.

This would seem to be particularly worrisome behaviour in heart attack patients, yet a study of coronary victims in several McGill teaching hospitals has shown these people have a surprisingly good prognosis — at least in the first year after their attack. This study also shows that those who are most concerned about their heart attacks and dutifully follow their doctor's instructions have a good chance of not suffering another attack in the first year, says Professor of Psychiatry Dr. Raymond Prince of McGill's Mental Hygiene Institute. He sees the patients who have the poorest prognosis falling between these two extremes — "those who do not have sufficiently strong denial responses on the one hand, but who do not accept the role of a sick person with sufficient enthusiasm on the other."

Prince presented his study to the Sixth World Congress of the International College of Psychosomatic Medicine held at the Queen Elizabeth Hotel from September 13-18. The event, co-ordinated by McGill's Conference and Special Events Office, drew about 1,100 psychiatrists and researchers from around the world. These findings are based on a five-year continuing study of the relationship between stress and heart disease that will eventually involve five hundred patients. Project staff keep in telephone contact with patients after their release from hospital. When a discharged patient experiences stress beyond a critical level, a team including two nurses, a psychiatrist, and a psychologist tries to help him solve his problems. In this way the researchers hope to reduce the recurrence of heart attacks.

Prince and his team have so far monitored 320 male patients, dividing them into three groups according to the severity of their attacks. While still in the hospital, they were asked questions such as whether during the past week or two they had been feeling depressed, had lost much sleep worrying, or had been able to enjoy their normal day-to-day activities. Although a stay in hospital is undoubtedly a stressful event, Prince reported, some members of all three groups replied as if nothing had happened. They did not behave as if they had just suffered a life-threatening illness that would probably force them to radically alter their daily habits. The psychiatrist suggested they were either consciously or unconsciously denying the fact they were sick and speculated that endorphins, the morphine-like chemicals produced by the body in reaction to a serious threat, might be playing a role by producing a kind of euphoria or amnesia.

Some patients are so persistent in their denials, they insist that they are only suffering from indigestion. Others have been known to engage in clandestine sexual activity while still in hospital. It is generally these people who go back to work too soon or smoke too much — and yet who are less likely to have a fatal attack or be readmitted to hospital.

Prince suggested these findings could have implications for hospital staff: "Many times the doctors and nurses on the ward try to persuade the patient to recognize he is very sick," he said. "Maybe this is the wrong thing to do."

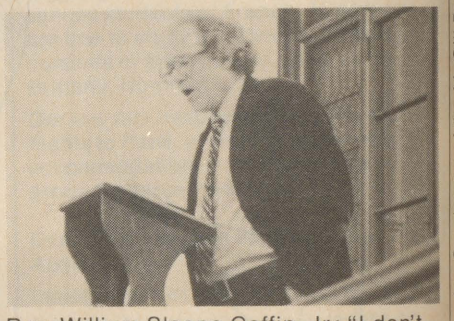
But when asked whether concerned families of impatient coronary convalescents should try to restrict their activities, Prince did not want to commit himself. "We still don't know enough about who should be restricted and who will do okay," he said. "All I do know is that people who deny they've had an attack do better."

Although people who comply with medical instructions also tend to have a good prognosis, some go overboard, turning into what Prince called "coronary cripples." They are so frightened, they don't even go back to work when they can or should do so. Others are so anxious about their health they may actually precipitate another attack.

He also stated more research should be done on the types of people who deny they are ill. There may be a difference, he suggested, between the ardent deniers — those who categorically refuse to admit they had a heart attack — and people, like Marathon of Hope runner Terry Fox, who accept they have been ill, but refuse to go to bed and "play the sick role." *Janice Hamilton*□

William Sloane Coffin Jr.'s healthy sense of outrage

A healthy sense of outrage is what sustains Reverend William Sloane Coffin, Jr., in the era of Reaganomics, resurgent militarism, and the Moral Majority. The outspoken minister, whose days as Yale University Chaplain have been immortalized by the Doonesbury cartoon character Reverend Scott Sloane, first made national headlines in the sixties for his leadership in the civil



Jan Sanderson of the McGill Daily

Rev. William Sloane Coffin, Jr.: "I don't share the despair of most of my colleagues."

rights and anti-war movements. He did not "mellow" into complacency in the seventies and shows no sign of growing conservative in the eighties. "If I lost my capacity for indignation, I'd be finished," he explained while visiting McGill in early October as this year's Birks lecturer in the Faculty of Religious Studies. "And I find that I am very lucky in that I can get mad with breathtaking regularity."

Currently head of the Riverside Church Disarmament Project in New York City, Coffin refuses to be discouraged, despite the fact that two decades of peace activism have left him face to face with the largest peace-time arms escalation in history. "I don't share the despair of most of my colleagues," he explains, "because I feel Reagan is going to do our work for us. We've been saying for several years that you have to rob the poor to feed the military, and he, through his actions, is finally getting the message across."

Long one of the Church's most outspoken critics of American foreign policy, Coffin rejects the present administration's justifications for military escalation. In a speech entitled, "The Arms Race or the Human Race," he dimissed allegations of Soviet military superiority, calling this

reason for American military expansion "errant nonsense. I don't think for a single moment it's national security that President Reagan is after," he said. "I know it's military superiority at the *expense* of national security. We're going to save the world, even if we have to destroy it, just like in Vietnam."

The Birks lectures are intended to stimulate dialogue on "What today's Church might be thinking about." Coffin criticized the Church for not doing its part to shake the United States out of a power lust that drives the nation from one international debacle to the next. "The giant social issues that are tearing apart the planet — poverty, threats of war, and war — are legitimate religious issues," he says. "Any faith, in the nuclear age, that can't get the faithful past the garden gate has to be considered a monument to irrelevance."

And how does the tireless peacemaker suggest that our governments reverse the race to oblivion? "Negotiate, negotiate, negotiate," he says. "We haven't a moment to lose." *Richard Goldman* □

CEGEP students prove themselves

When Quebec's Bill 21 created the Collège d'enseignement générale et professionnel (CEGEP), some people foresaw a decline in the quality of higher education in Quebec. But since then many CEGEP graduates have entered the Roddick Gates to prove themselves more than capable of meeting McGill's academic standards.

Two statistical studies recently carried out in the Planning Office indicate that CEGEP students do just as well, or better than students who enter McGill from other sources. One study examined the first-year Grade Point Averages (GPA) of students who received entrance scholarships in 1977, 1978, and 1979. Although the investigation was undertaken primarily to test the university's policy for granting scholarships, the results also showed that, on average, scholarship winners from English CEGEPs attained slightly higher GPA's than students from elsewhere. The other study looked at first and second-year GPAs scored by students from a variety of origins — among them CEGEPs and Ontario and American high schools. Since the English CEGEP statistics were comparable to the others, Vice-Principal (Planning) Dr. Edward Stansbury maintains, "There is no evidence at all that the quality of education at McGill has gone down since the introduction of CEGEPs." The results of these reports echo those of a similar investigation conducted by McGill in the mid-seventies.

At that time the administration compared the university GPAs obtained by students from CEGEP with the marks received by students from McGill's College Equivalent Programme (CEP). Quebec's first English-language CEGEP, Dawson College, opened in 1969, but until the remaining English-language institutions were set up, McGill operated a CEP to help accommodate the overflow of students. The comparison of CEGEP and CEP students revealed very little difference in their academic performance.

And yet, there was strong opposition to the CEGEP system, despite the fact that its graduates proved themselves to be as academically competent as non-CEGEP students. In the early seventies McGill Associate Dean of Arts Leslie Duer served on a committee that made recommendations concerning the newly formed CEGEPs. When first introduced, the CEGEP system, he says, elicited "an enormous social rejection. It was obtrusive and upsetting." This response was particularly acute in the English community where, as Bill Tierney recently pointed out in the *Montreal Review*, the CEGEPs were regarded primarily as a corrective for the elitist, classical French schools and not for their own highly accessible post-secondary school system. Nor did the students themselves relish the extra year that the CEGEP system would add to the completion of their bachelor's degree. Moreover, the general public distrusted the social idealism of the CEGEPs, where education was free and many students were experimenting with a non-traditional curriculum. According to Duer, some of this skepticism still exists today.

Nonetheless, people at the Planning Office are convinced that students from CEGEP do just as well as any other students at McGill. In Duer's opinion, "This is a remarkable tribute to the students' ability to deal with different systems of education — or maybe to ignore them." *Alison Nesmith* □

P.S. your cat is dead

Exhumed from the silent tombs of Egypt, the mummies of three humans, two cats, four hawks, two ibis, and several crocodiles have found a resting place in the Redpath Museum. Two of these mummies, together with other Egyptian material, were originally donated to the Museum of the Natural History Society of Montreal. When that Museum closed early in this century, all the collections — ethnographic, zoological, and mineralogical — were moved to the Redpath.

In 1859 Chancellor of McGill James Ferrier gave the Natural History Society two human mummies and a large collection of other Egyptian artifacts. One of the mummies is a woman who died in Thebes about 3,500 years ago. Fragments of a copper mask can be seen on her face, an indication that she was probably of high social standing. Radiographs recently taken at the Royal Victoria Hospital (RVH) show that she was elderly. According to radiologist, Dr. S.D. Braun, there is "a narrowing of the cartilaginous disc spaces between the vertebral bodies and of the weight-bearing surfaces of the hips and knees. All these are consistent with degenerative arthritis on the basis of age." And in some notes published in the December 1859 *Canadian Naturalist and Geologist,* it was reported: "The first finger of the right hand and the little finger of the left hand had been cut off previous to embalming, probably to obtain rings."

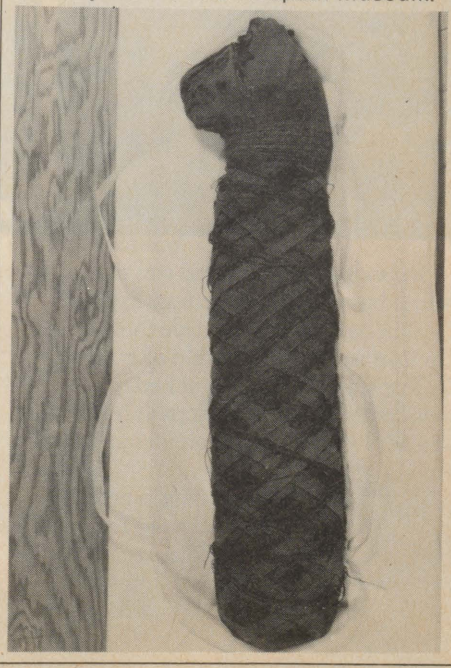
Having been robbed, this poor lady was also unwrapped and laid in a stranger's coffin. In the early and mid-nineteenth century, when trade in Egyptian artifacts was active and unregulated, collectors could pay an additional fee to have mummies transferred to more ornate coffins. Thus, the old woman's decorated, wooden, mummiform coffin was originally made for a man named That A Nufer Amun — by profession a Cult Servant of the Divine Votaress of Amun. The hieroglyphics on the interior and exterior of the coffin are prayers for the protection of That A in the afterlife. The names of his father and mother are also given, and it seems that professionally, That A had followed in his father's footsteps.

The other mummy presented by Ferrier was that of a man, also from Thebes. The uncovered head reveals a fine-featured face, and the style of wrapping and method of mummification show that this was a poor man.

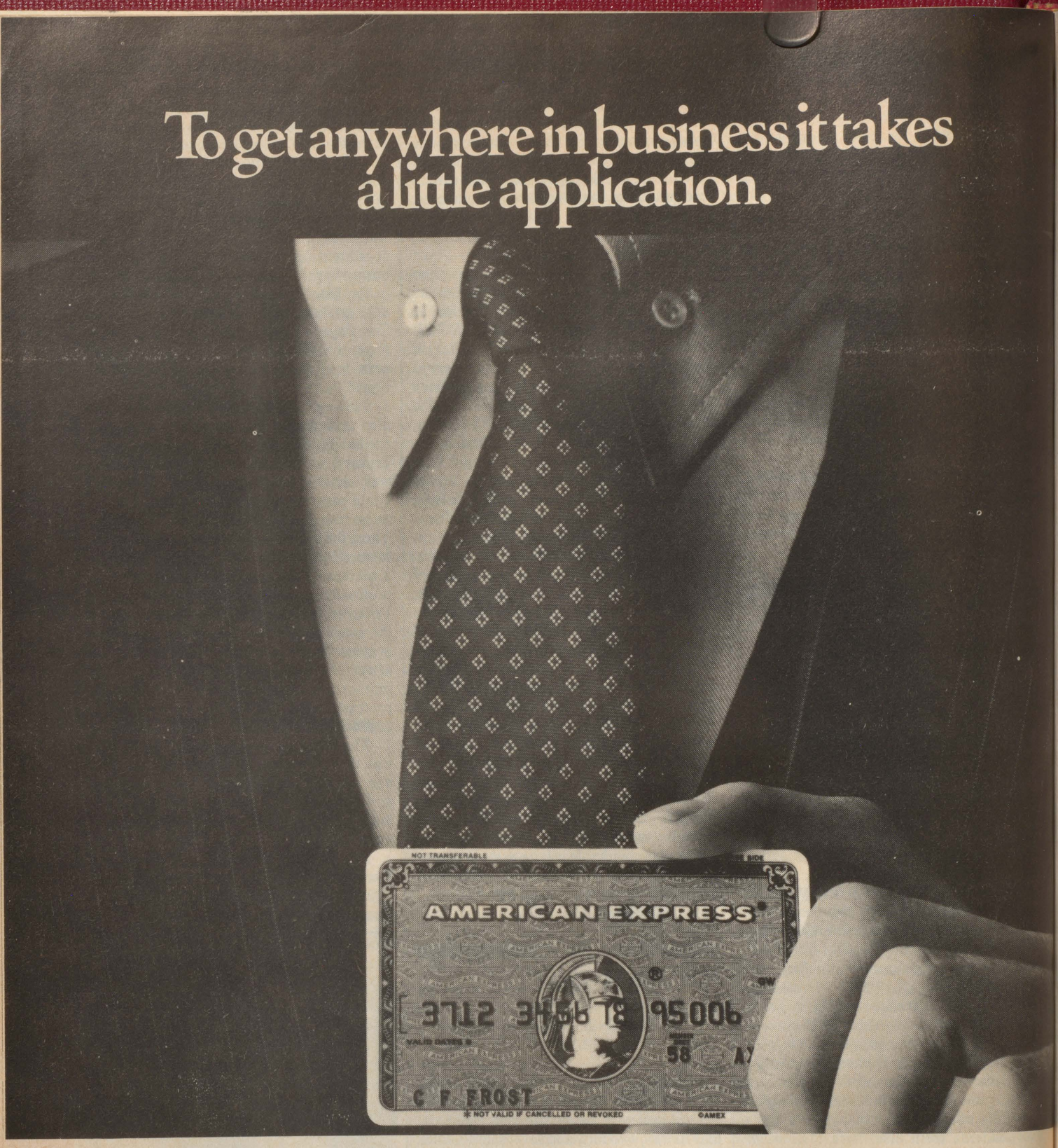
Sir Thomas Roddick, Dean of the Faculty of Medicine and Governor from 1908 to 1922, donated the third mummy to

Continued page 7

Wrapped in fine strips of linen, this cat mummy rests in the Redpath Museum.



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the Redpath Museum. This was a young woman from Hawara-el-Maktaa, Lower Egypt. The RVH radiographs show that she was between twenty-one and forty years of age, with good teeth and no signs of disease. From the style of wrapping and the way the body is disposed with the arms crossed over the breast, this woman lived during the Ptolemaic (Greek) or early Roman period. Although radiographs reveal no amulets or jewellery, it is apparent that the bandages have been cut down the left side — perhaps by tomb robbers in their search for valuables or by an investigator who left no records. Cartonnage, an outer covering, envelops the head and shoulders with a separate piece on the chest. Over the face it is modelled and gilded, with eyes and eyebrows painted in.

Mummified animals were not, as a rule, placed in tombs with people; they had their own burial grounds usually associated with temples dedicated to the gods they represented. Thoth (to be known to the Greeks as Hermes) was portrayed as an ibis-headed man and Sebek as crocodile-headed. The hawk was sacred to Horus and the cat to Bast (Pasht). Whereas the other gods were represented as animal-headed men, Bast was a cat-headed woman — goddess of love, matters feminine, and fashion.

Thotmes LV built a temple at Beni Hassan and dedicated it to Bast: thousands of mummified cats were sent there for burial. In the nineteenth century, before archaeological digs were properly organized, the cemetery was discovered accidentally and most of the site's 300,000 mummified cats were shipped out of Egypt to be sold as fertilizer. A few escaped this fate and perhaps the two cats in the Redpath Museum came from Beni Hassan, although their actual provenance is unknown. The style of wrapping indicates that they lived during the Ptolemaic period. Radiographs show that one was but a kitten — all that can be seen in the picture is the axial skeleton with a bundle of rag where the skull should be. The other was a complete, full-grown cat. Both felines were wrapped in strips of fine linen, in a complicated diamond pattern, with additional cloth sewn on to form ears on the cat-shaped head. The eyes were embroidered and the nose, mouth, and whiskers were painted in.

The adult was probably the African Wild Cat, *Felis sylvestris libyca,* since 99 per cent of the cat mummies so far investigated have been of that species. (The African Wild Cat is larger than the domestic cat, pale to medium sand in colour, with spots and bars of darker sand, rather long legs and ears, and a long, ringed tail.) But this hasn't been proven. Although mammalian species can be identified by closely examining the skull, it would be unwise to unwrap these specimens because they are two of a comparatively few cat mummies left in the world. Hail Bast! Long may your subjects find refuge at McGill. *Delise Alison* □

Newsbreak

During the summer **Principal David Johnston** started a two-year term as a director of the Association for Universities and Colleges of Canada. He also became the only Canadian serving on the National Commission on Higher Education Issues, a forty-five-member panel of American educators, government officials, and business and labour leaders meeting to devise ways to deal with the drastic budget cuts facing universities in the United States.

Dentistry Dean **Kenneth Bentley,** DDS'58, MD'62, and Agriculture Dean **Lewis Lloyd,** BSc(Agr)'48, MSc'50, PhD'52, have each been reappointed to another five-year term.

Newly appointed to head the Graduate School of Library Science, **Dr. Hans Möller** announced this summer that the School had been granted full re-accreditation by the American Library Association. Fifty years ago the School became the first of its kind in Canada to receive accreditation, but recently it underwent a somewhat uncertain year of conditional status.

Meteorology Professor **Walter Hitschfeld,** PhD'50, succeeds the late Dr. Neil Croll as director of McGill International (MI) — an office established last year to facilitate the university's international activities, particularly in the Third World. Towards this end, MI — in conjunction with the University of the West Indies and with financial support from the Royal Bank of Canada — recently launched a major research project to improve agricultural operations and food production in the Caribbean.

The Institute of Occupational Health and Safety welcomes a new director, **Dr. Corbett McDonald,** who will preside over the last stages of their move from Mont St. Hilaire to McGill's downtown campus. From its new Pine Avenue location the Institute will concentrate increasingly on graduate teaching and research and continue to develop health and engineering experts who will conduct research relating to the safety, well-being, and efficiency of the industrial worker.

More than 3,000 participants from 60 countries gathered in Montreal in early October for the 2nd World Congress of Chemical Engineering and World Chemical Exposition. Chemistry department chairman Professor **Murray Douglas,** who



Dr. Lewis Lloyd

secured the Congress for Montreal in 1976 and served as its vice-president, international, and chemical engineering Professor **Musa Kamal,** who was programme chairman, led a host of McGill faculty members who presented papers and conducted various sessions during the six-day conference.

Nobel laureate **Julius Axelrod,** of the health and human services department at the National Institute of Mental Health in Bethesda, Md., spoke on some of the latest advances in the molecular aspects of neurochemistry during a two-day lecture series at McGill in September. The lectures, made possible by a gift from **Mohandas M. Kini,** PhD'60, are named for his teacher, retired McGill Professor **J.H. Quastel,** who laid the foundation for modern biochemistry. "Q," as he is affectionately called by his colleagues, told Kini and Axelrod at a Faculty Club reception held in their honour: "The brain doesn't age, and it's up to you fellows to find out why."

The football season got off to a shaky start this year as the University of Toronto Varsity Blues defeated the McGill Redmen in a game that marked the hundredth anniversary of their rivalry. But by the close of the regular season, the Redmen had established themselves as winners — finishing first in the Ontario-Quebec Intercollegiate Football Conference.

The good news from the football field matched an announcement from the Registrar's Office that noted increased enrolment in most faculties at McGill this fall. Although an overall decline in university enrolment has been predicted, it has not yet affected McGill. □

Drs. Mohandas Kini, J.H. Quastel, and Julius Axelrod



Harold Rosenberg

When McGill went west

A university historian tells how McGill laid the foundations for the University of British Columbia seventy-five years ago

by Dr. Stanley Frost

British Columbia, "as every schoolboy knows," came into the confederation of Canada in 1871 on the promise of a railway between the Pacific and eastern Canada, to be begun within two years and completed in ten. But although the promise was — with the inevitable delay — fulfilled, the attachment of the former colony to the new Dominion remained tenuous. Some British Columbians wanted to revert to Crown Colony status; others preferred annexation to the United States; it was only a vigorous minority who saw a bright future in Canada. To encourage a greater sense of provincial identity, it was proposed that British Columbia establish its own university, and in 1890 the "British Columbia University Act" was passed. But jealousy between the island and the mainland parties prevented the assembly of a quorum in the proposed Senate and the Act failed.

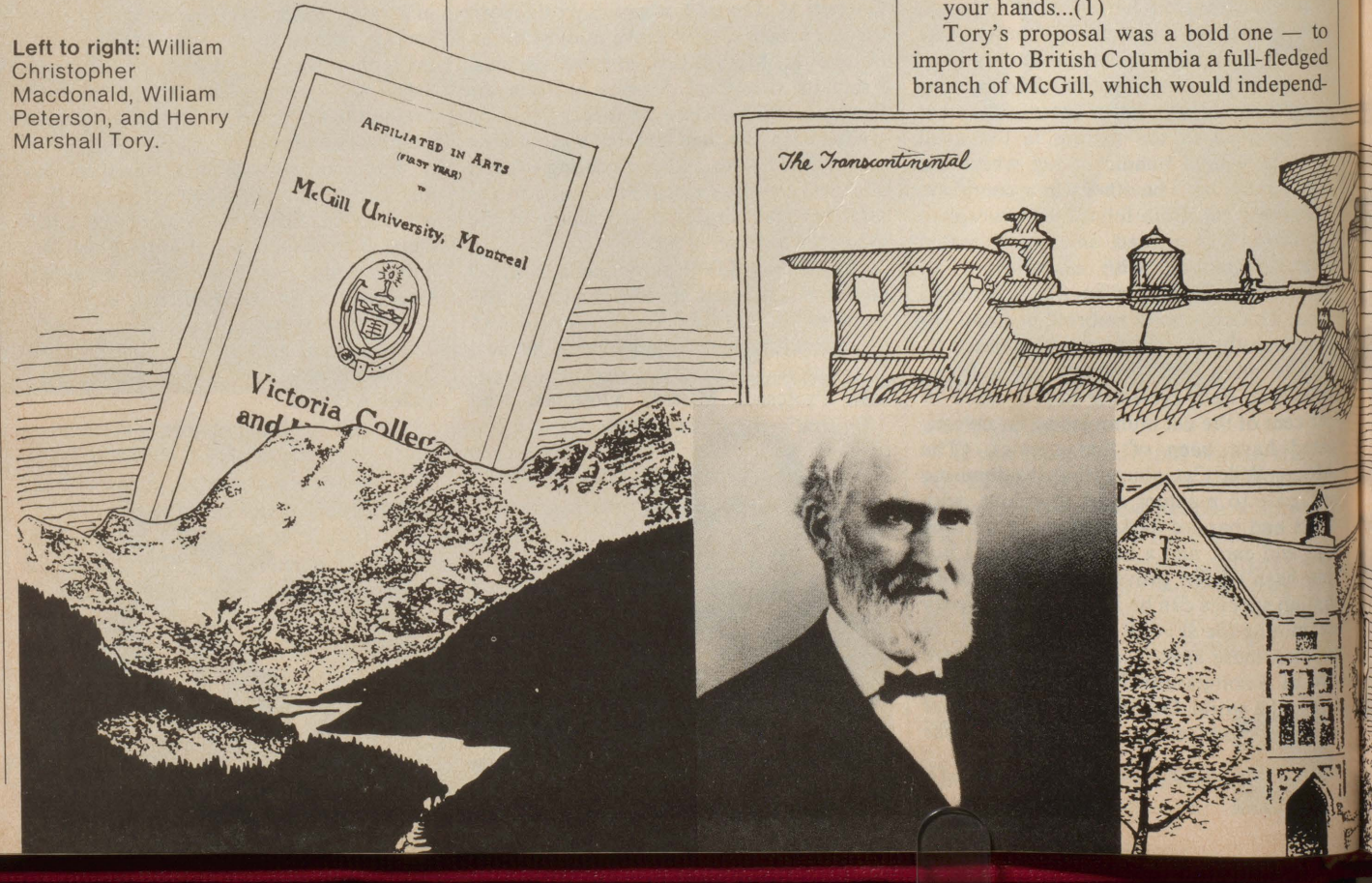
One of those who believed in Canada was A.H.B. MacGowan, a member of the Vancouver School Board. He came east on business and took the opportunity to seek help from established universities. The only one to respond helpfully was McGill. There were good reasons for this. McGill was not a provincial university and so could operate beyond the boundaries of Quebec, and McGill already had a tradition of helping educational institutions throughout Canada. Schools in many provinces were affiliated with McGill to secure the Associate in Arts diploma, and colleges in Quebec and the Maritimes were licensed to teach one or two years of the McGill arts and science programmes. There was no reason an arrangement could not be worked out with the authorities in British Columbia, and McGill would welcome the opportunity to do so, because the missionary spirit in education bequeathed by Sir William Dawson was still very much in evidence. Moreover, William Peterson, the new principal, was a strong imperialist, and the idea of assisting education on one of the frontiers of the Empire appealed to him strongly. He travelled to Vancouver and Victoria to survey the situation for himself; as a result the senior years of Vancouver High School were elevated in 1899 to become Vancouver College, which offered McGill first-year courses. In 1902 the college was licensed to teach second-year courses; at the same time Victoria High School similarly gave birth to Victoria College and was affiliated to teach first-year courses.

This was a beginning, but it provided a less than ideal situation because candidates for the degree had to travel for the best part of a week, three thousand miles, to Montreal and spend two or three years on the McGill campus to complete their studies. Few families could afford the costs, or wanted to experience the long separation. A McGill graduate teaching in British Columbia returned to the university for graduate studies and so came to know Henry Marshall Tory, a young professor of physics and mathematics. He discussed British Columbia's problems with Tory and remarked that the only way conflicting jealousies could be overcome would be if some institution with national and international prestige, like that of McGill, would go into the province, decide where to establish itself, and undertake the work. Tory was an educational missionary after Dawson's own heart. He had already been instrumental in securing teaching arrangements with Mount Allison and Acadia Universities and King's College. The Board of Governors approved of his proposals in principle and sent Tory to British Columbia to sound out the local authorities.

He travelled west in April 1905. On 15 May he wrote back to Dr. Peterson:

> I think I have talked school and college matters with every man in British Columbia whose knowledge would help me gauge opinion...Dr. Robinson, the Superintendent of Education, said to me: "If you will take the initiative and the responsibility of saying when, where, and how an institution is to be undertaken, you will have the whole Province in your hands...(1)

Tory's proposal was a bold one — to import into British Columbia a full-fledged branch of McGill, which would independ-



Left to right: William Christopher Macdonald, William Peterson, and Henry Marshall Tory.

David Rosen

ently teach the McGill curriculum, examine the candidates, and award the McGill degree. It would involve constituting the Royal Institution for the Advancement of Learning of British Columbia and giving its members the same authority as their counterparts in Montreal; that is, they would be the governors of the McGill University College of British Columbia.

The situation in Quebec was intriguing. McGill had two personalities: McGill University and the Royal Institution for the Advancement of Learning. By reason of its royal charter, the University could claim a license to teach wherever it wished; because the Act establishing the Royal Institution was a measure of the Quebec Legislature, it could be argued that the Royal Institution could only operate within provincial boundaries. The simple solution was a further act, authorizing the Royal Institution to operate in any of the Canadian provinces into which it had been invited by duly constituted authorities. There was no problem in passing this legislation in Quebec, but getting agreement on the measures required in British Columbia was a more formidable task.

Opposition came from three sources: those who wanted the McGill operation to be located in their own city of Victoria rather than, as proposed, in Vancouver; the Methodist Church because it had a small college in New Westminster that would be outclassed by a McGill college; and the President of Toronto University, who said that McGill could gain an unfair advantage, enticing B.C. graduates to attend its post-graduate departments rather than those of other eastern universities. The Victorians were mollified by the assurance that Victoria College would lose no part of its status as an institution affiliated with McGill in Montreal. With regard to the Methodists, it was fortunate that Tory was himself a Methodist minister and could argue the case against denominational colleges with impunity and considerable passion. As for President Loudon of Toronto, Tory left him to Principal Peterson of McGill.

Peterson pointed out in a press interview that McGill's connection with British Columbia had been established several years earlier, and that the venture had been attended with great success:

> We intend to help the Vancouver people do good university work, and we hope that the friends of education will agree with us in regarding it as none the less McGill work because it happens to be done in the City of Vancouver...I regret very much that it should appear to be criticized from the point of view of rival commercial concerns.(2)

That last dry comment silenced the opposition from Toronto, and the bill proceeded to the B.C. legislature, where it received third reading on 22 February 1906. The first meeting of the Royal Institution for the Advancement of Learning was held less than a month later. Vancouver College ceased operations, transferring its assets to McGill College, B.C., and Sir William Macdonald was persuaded to support the new venture with a grant of $5,000 for three years. Teaching began in October and the number of student registrations mounted satisfactorily. A year later the college in Victoria decided to become a branch of McGill, B.C.

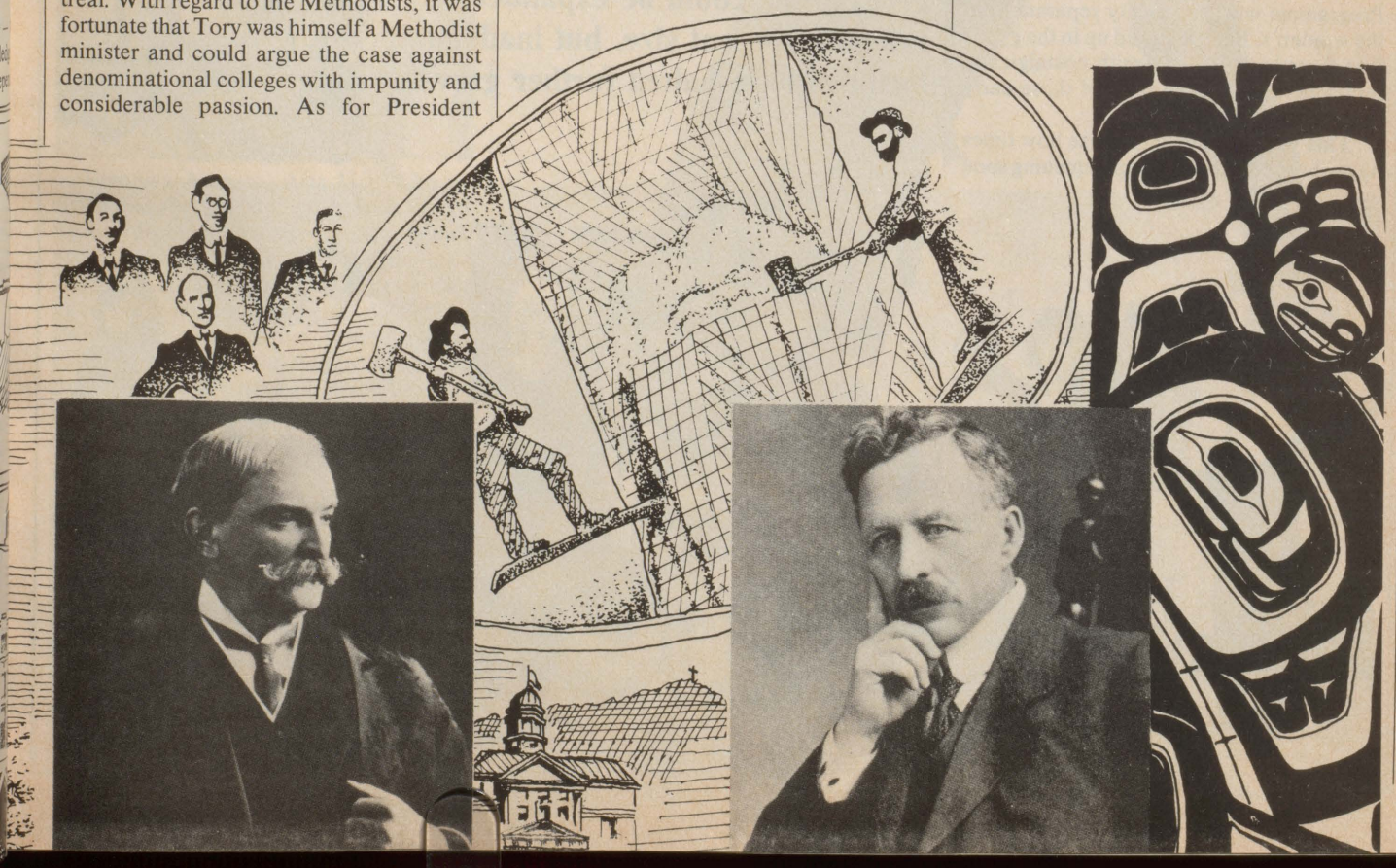
It was quickly apparent that the building inherited from Vancouver College was quite inadequate. A new building to cost $100,000 was planned and with the aid of a grant from the Carnegie Foundation that sum was speedily raised. The college in Vancouver was offering three years of arts and science, and the college in Victoria two years, but both institutions were making plans to institute as soon as possible the full four years of work for the McGill degree. In 1908, however, a new proposal for a University of British Columbia was presented in the provincial legislature. McGill had always said that it was only preparing the way for a truly British Columbian institution, and therefore cancelled its own expansion plans and waited for the new university to take over. Unfortunately, the government was also building a railroad, and then the First World War broke out, so that it was not until 1915 that the new university actually came into being.

Victoria College has matured over the years and in 1963 became Victoria University. The University of British Columbia has become one of the great educational institutions of the western world. Both universities gladly recognize the debt they owe to McGill and particularly to three far-seeing and unselfish men who believed passionately in the value of university education and strove to make it available as widely as possible — William Christopher Macdonald, William Peterson, and Henry Marshall Tory. □

The foregoing article has been based on material to be included in the second volume of Dr. Frost's History of McGill, covering the years 1895-1971.

NOTES

1. H.M. Tory, 'McGill University in British Columbia,' Report to the Principal, May 1906; Rare Books and Special Collections, McLennan Library, pp. 7-8.
2. Interview with the *Montreal Star,* cited Tory Report, p. 39.

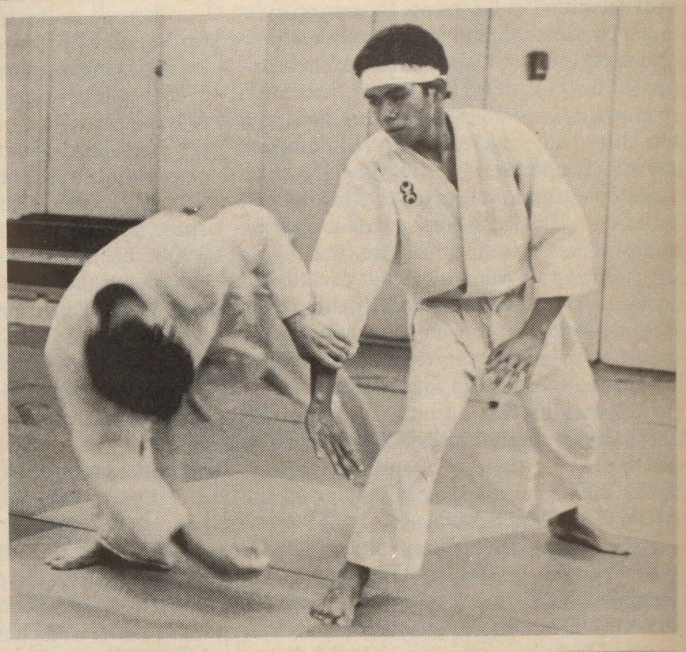


A lesson in fitness

by Alison Nesmith

The line-up wound through the Sir Arthur Currie Memorial Gymnasium's narrow hallways and out along Pine Avenue. What were all the people waiting for? Eager to pull on their tights or lace up their Nikes, they were about to register for the McGill athletics department's Instructional Programme.

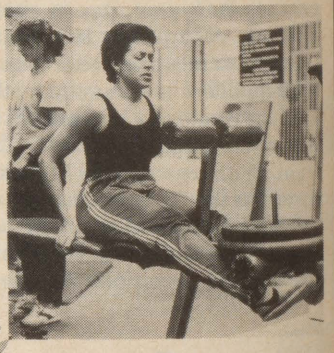
The Instructional Programme has mushroomed with the participation sports boom that recently overtook the athletics department. Sports Information and Promotion Officer Harry Zarins, BEd'74, MEd'79, says that although spectator pastimes such as football attract increasingly large crowds, the most remarkable growth has occurred in the Intramural, Club, and Instructional Programmes — activities that give everyone, no matter what their abilities, the opportunity to acquire a skill and work off steam. Programme Coordinator Peter Smith, BEd(PE)'79, estimates that during the 1981-82 academic year about 4,000 McGill students, staff, and graduates will take part in the Instructional Programme. But McGill hasn't always been a campus of exercise enthusiasts.



Ten years ago the Instructional Programme attracted about half the people it now accommodates. Course selection was limited compared with the range of dance classes, racquet sports, martial arts, and other activities offered today, and the men's Programme was completely separate from the women's. People signed up in the gym's first floor lounge, and Smith nostalgically remembers the casual pace of those early registrations.

This year, as if to emphasize how times have changed, students began queuing soon

According to Athletics Director Robert Dubeau, the Instructional Athletics Programme could be expanded to twice its present size, but inadequate facilities have halted further growth.



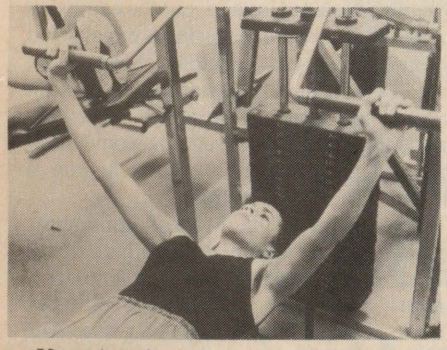


Photos by Harold Rosenberg

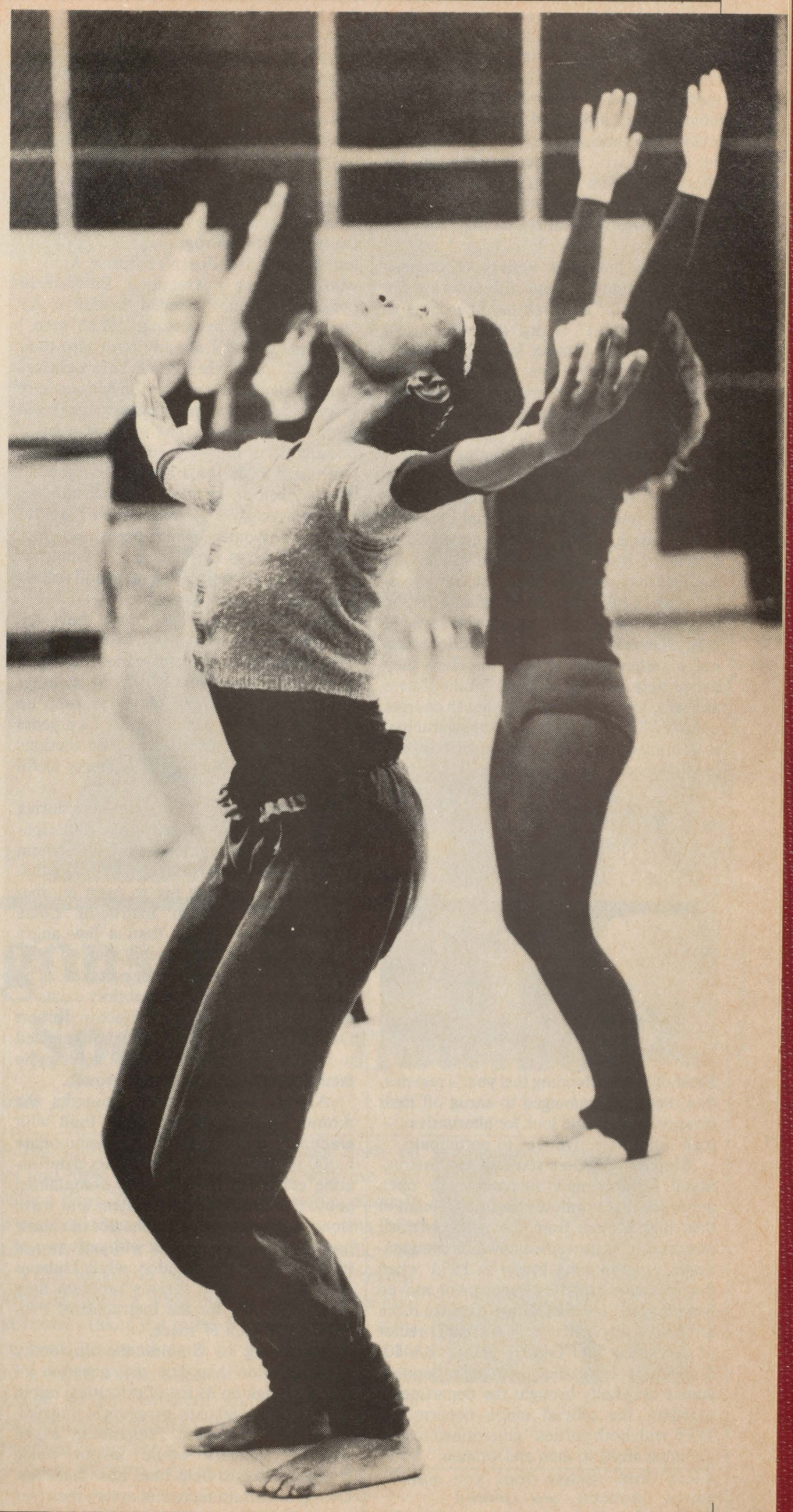
after lunch. Anxious to maintain a lighthearted atmosphere, organizers presented one lucky early bird with a bottle of champagne. Finally, at 5:30 pm the doors opened, allowing people to pour into the gymnasium where instructors waited behind long tables to hand out registration cards. By 7 o'clock only a few latecomers remained, wandering from table to table, trying to choose among leftover courses. More than 1,600 survived the registration gauntlet. Whether addicted to exercise, keen to learn, or merely curious, they all wanted more than just a chance to win some champagne.

Stepping into the line, Mike Dilillo, Eng U-2, planned to sign up for weight training, but approaching the registration tables, he changed to squash. The activity really didn't matter, as long as he took part in something. Physical exercise, popularized by both the government and advertisers, is playing an increasingly significant role in peoples' lives. Many of McGill's exercise converts, for example, maintain that fitness is vital to their academic success.

Last year Dilillo played intramural flagball and recalls studying most efficiently after a rousing game. This year he wants to fit more physical activity into his schedule. Also intent on a break from her studies, a second-year management student commented, "I want to get my mind off school." She was hoping that either a dance class or the new "Relaxation" course would provide a respite.



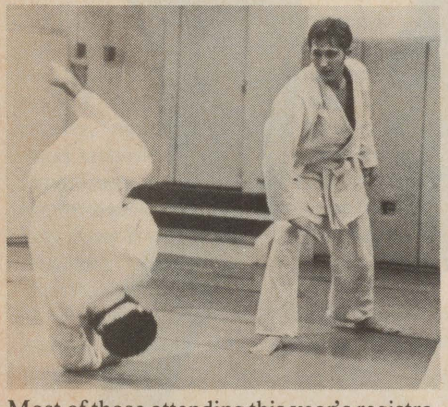
Veronica Amberg, Arts U-1, who insisted that she "couldn't go through a week without dancing," also confessed to signing up for dance instruction because she liked "the idea of meeting people." Veronica's motive was common to many. As Service Programme Coordinator Butch Staples said, "One reason for the growth of the Instructional Programme is that it provides an opportunity for social contact." Clearly, many people hoped to make new acquaintances through the Programme. One person who didn't share their optimism was Stephen Weeke, a second-year philosophy student waiting to sign up for synchronized swimming. "Once I'm in the water I doubt I'll meet anyone," he quipped. "I'm only taking this course to find out exactly what they mean by synchronized swimming."



To learn skills, socialize, and stay fit are some of the reasons why people take aikido (top left), fitness (middle), and modern dance (bottom and right).

Weeke's choice is one of more than twenty aquatics courses offered. Also, there are ballet and jazz as well as aerobic and classical belly dancing classes. The racquet sports division gives instruction in squash, tennis, table tennis, and badminton. Judo, aikido, and various belts in karate comprise the martial arts, and the Programme also offers instruction in weight training, cross-country skiing, archery, fencing, golf, skating, yoga, relaxation, sailing, hockey, and fitness.

Despite the great variety of courses available, many became filled during the first minutes of registration. According to Smith, "Get Fit" is one of their biggest drawing cards. Fitness Instructor Anne-Marie Poitras attributes its popularity to the individualized approach used in class. At the beginning of a session she encourages students not to outdo their classmates, but to improve their own conditioning. Tests at the beginning and end of the course motivate participants, providing them with an opportunity to measure their personal progress. Jazz dance is another popular activity, and Instructor Roz Ornstein, BEd'71, has no trouble inspiring members of her class. Comparing McGill's classes with those she teaches elsewhere in the city she says, "I really like teaching here. Dance classes are not a status thing at McGill. Here they dance because they enjoy it." Like fitness and jazz, aerobic dance and squash courses quickly filled to capacity forcing instructors to turn many would-be participants away.



Harold Rosenberg

Most of those attending this year's registration, however, managed to shrug off their disappointment and look for alternatives — their main objective was to participate.

Staples attributes some of the Instructional Programme's success to its open approach that promotes the involvement of men and women from the entire McGill community. A movement towards coeducational programming began in 1971 when the women's athletics department moved from Royal Victoria College to make room for the Faculty of Music. Assistant Director of Athletics Dr. Gladys Bean, BA'40, DipPE'41, says that, although happenstance originally brought the departments together, the official union occurred in 1976 with both parties "determined to give an equal share to men and women." Since that time the Instructional Programme has been almost entirely coeducational with this year's only restricted course being self-defence for women.

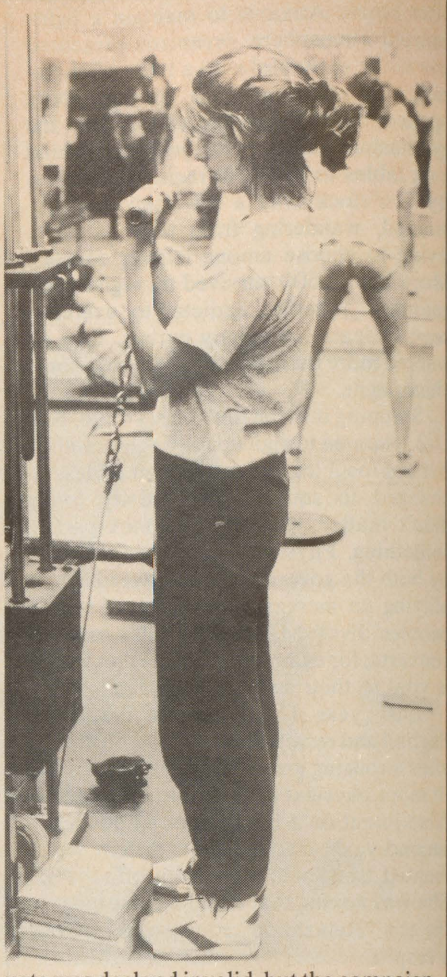
As more people push through the gym entrance turnstile (about 2000 per weekday) Staples observes, "Women are receptive to physical instruction, while men are more interested in competitive intramurals." There are approximately four men for each woman in competitive intramurals, while the Instructional Programme is 60 per cent female. This fact doesn't surprise Amberg who thinks the Instructional Programme provides a much needed incentive for women to start exercising. "With men," she explains, "it's already built into their lifestyle." Late in the summer before classes started, she says, she tried unsuccessfully to organize the women on her residence floor to play soccer. The men on a neighbouring floor, however, had chosen teams and taken to the field almost the moment they arrived on campus. Notwithstanding the Instructional Programme's greater appeal for women, Smith points out that, with both sexes enrolled in every course, the old barriers separating male and female activities are breaking down.

Sensitive to the latest fitness fads, the Programme coordinators willingly take suggestions from staff and students and pay attention to the courses offered at other universities. "We always try to keep up with the trends," Smith says. "Two years ago we had from twelve to fifteen sections of disco dance. Now we'll be lucky to fill two."

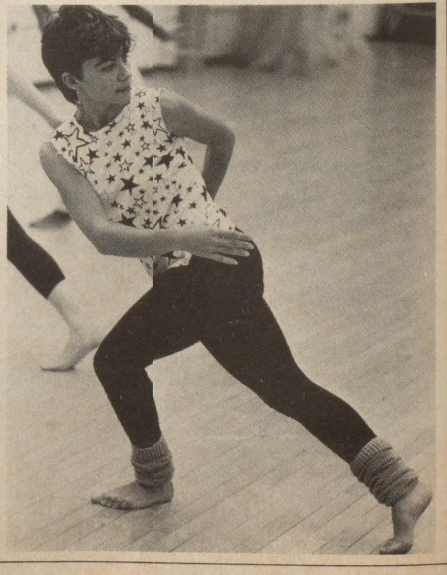
The instructors' biggest problem during registration is not to encourage participation, but to placate those people for whom classes are not available. Ornstein said that people were begging her to open another jazz section. Squash Instructor Louis Raymond heard more than a few angry voices when he announced that all convenient court times had been taken. The demand for more classes certainly exists — according to Athletics Director Robert Dubeau, the Programme could be expanded to twice its present size — but inadequate facilities have halted further growth.

Almost everyone who frequents the Arthur Currie Gymnasium — built with graduates' funds in 1939 to accommodate 6,000 students — has noticed its deteriorating condition. People have complained about the erratic heating system and worn wooden floors. Bean says she doesn't know how long the pool can last with only two of its three filters in operation, while Dubeau says that the most serious problem they face, especially for the Instructional Programme, is lack of space.

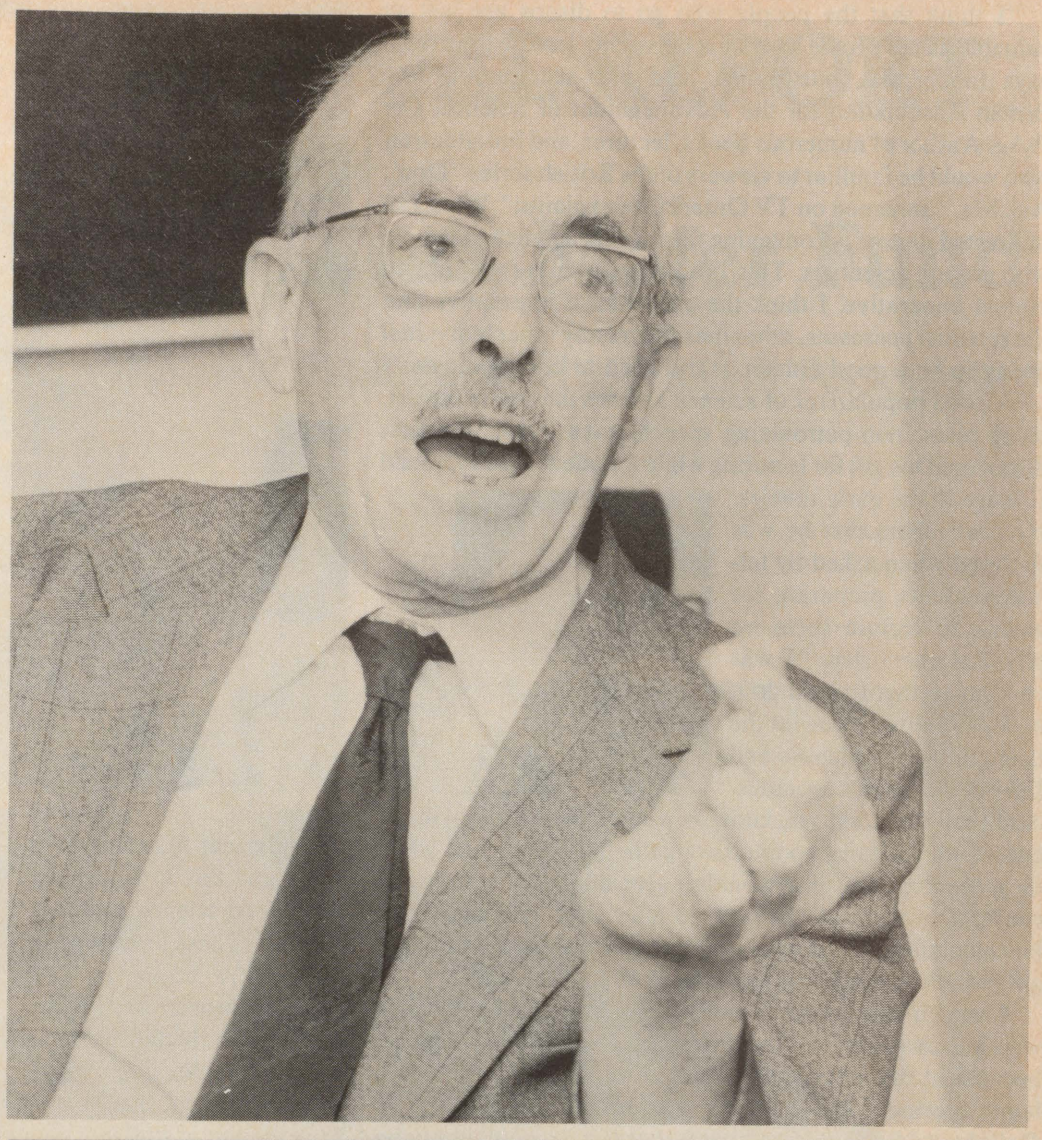
According to Staples the university administration has put the question of facilities high on its list of priorities, but in this era of budget cuts, progress is sluggish. Last year a student referendum asked whether students would favour being charged a fee to help fund new facilities. Owing to certain technical errors their yes vote was declared invalid, but the campaign to launch student fund raising is expected to continue this year. Staples hopes that, eventually, a new field house will be built around the existing structure. This expanded, multi-purpose building would allow the athletics department to schedule a greater variety of activities.



But for now the McGill community must make do within the confines of the Currie Gym. At least Veronica Amberg is happy — she's dancing twice a week. Mike Dilillo is improving his squash game. And Stephen Weele is learning the intricacies of synchronized swimming. □



Aikido (left), fitness (top), and modern dance (bottom) are offered



Photos by Harold Rosenberg

Magnus Pyke: the Dr. Spock of nutrition

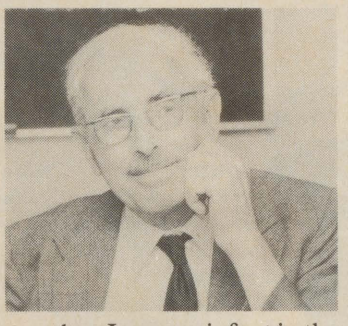
by Charlotte Hussey



In a London club, lights under plexiglass flash on shoulders and hips, moving overcharged with the high decibel disco beat. As the congas die away, dancers retreat to sip pina coladas at chrome tables, expecting their next entertainment to be a series of painfully predictable jokes told by a disc jockey in tight jeans and Elvis Presley-style side-burns. Instead, a white-haired, professorial man in his early seventies takes the mike. Flailing his wiry arms and throwing back his head as if to sing rock-n-roll, he launches into a rapid explanation of why bathtubs drain counterclockwise in the Northern and clockwise in the Southern Hemisphere. Stimulated by his outspoken wit, the audience gives their complete attention to "the only D.J. in the business with a PhD," as Dr. Magnus Pyke, BSA'33, calls himself.

"I think that the people who go to discos are just as valuable as the people who sit in university lecture theatres," says biochemist, nutritionist, and past-secretary of the British Association for the Advancement of Science, Dr. Pyke. Author of numerous books, lecturer, and broadcaster, who would be familiar to viewers of the British series "Don't Ask Me," screened on TV Ontario, he explains: "What I'm interested in now is conveying the facts of science to people who are not scientists. This is a compulsion for me. It's an ethical imperative. I think the only ethical imperative that the scientist possesses, other than that of any other individual trying to be a good citizen, is the need to communicate."

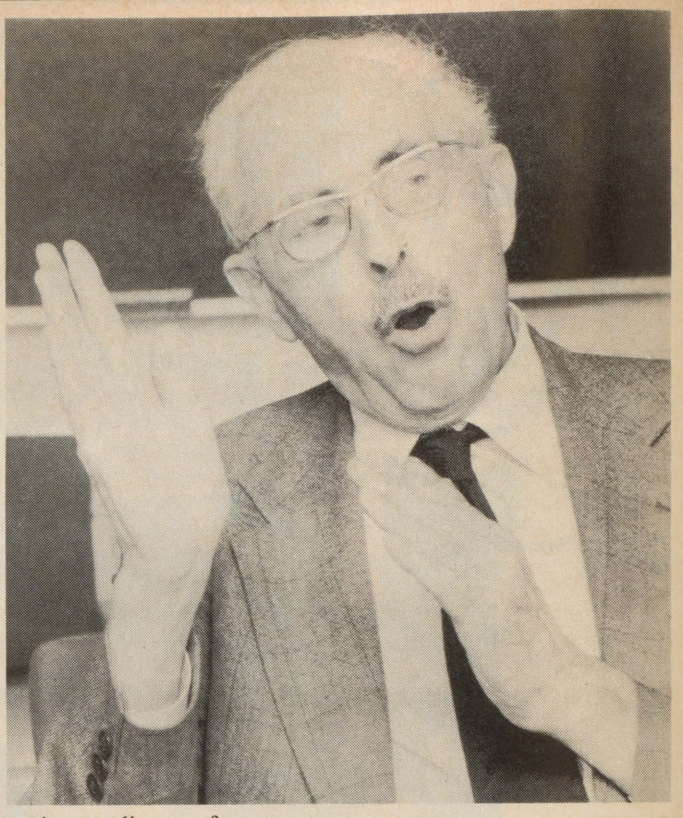
A good popularizer of science abjures the use of jargon, using plain, non-patronizing speech, says Pyke, who first discovered his gift for lecturing while a student at Macdonald College in the early thirties. He remembers that he was flattered when asked by fellow students preparing for exams to lecture them on physical chemistry. "I was very lucky that I could do it because I have a taste for the language — English — and I'm not at all self-conscious. And I tell the story, you know — when I was an infant in the cradle, all the fairy godmothers gathered round, and when they decided that they wouldn't give me beauty, strength, courage, or wisdom, the last old fairy said, 'We must give him something!' And what they gave me was a very valuable gift, which is not being self-conscious."



Through his books, lectures, and broadcasts, Pyke is working to promote "the social acceptability of science, because at the moment," he says, "we are going through a fearful period." In a recent book, *Butter Side Up or The Delights of Science,* he laments that it is fashionable to be irrational: "How sad it is that there is a feeling abroad today that science is bad, materialistic, the evil spirit hidden in the heart of our machines, the source of noise and pollution." In rejecting the freedoms that technology can provide, people "are cutting off their nose to spite their face," he adds. One example of the irrationality he cites is the current campaign against bottle feeding, a retrograde step for women's liberation that is "hauling women from parliament, or the law, or medicine back into the bedroom." Although he concedes that unreason can result in kindliness and virtue, he also points out that irrationality led to the regrettable crimes of the Nazis during World War II.

"I will teach you the whole of nutrition in two sentences."

Especially concerned about correcting popular misjudgment in his own area of expertise — food science — he will soon publish a new book *Food for All the Family.* In it he will point out such fashionable misconceptions as vitamins improve health, food additives pollute produce and brown eggs are more nutritious than white. These ideas, he believes, represent a romantic retreat from reason, rather than an understanding of proven scientific fact. "Go out on the street and talk to somebody about food science, and they will say, 'These terrible additives!' Now this is an irrational response," says Pyke. "It's much better to have tasty, durable, unpolluted, uninfected food, than it is to have the sort of stuff that your granddaddy used to eat, or even what I was given to eat when I came to work on an impoverished farm in Quebec in 1927 — great thick chunks of fatty pork."





Harold Rosenberg

And what kind of diet does Dr. Pyke propose? "I will teach you the whole of nutrition in two sentences," he promises. "Eat enough, but not too much. And eat a nice mixture of food. Although *Food for All the Family* has much more detail in it, this is its basic approach."

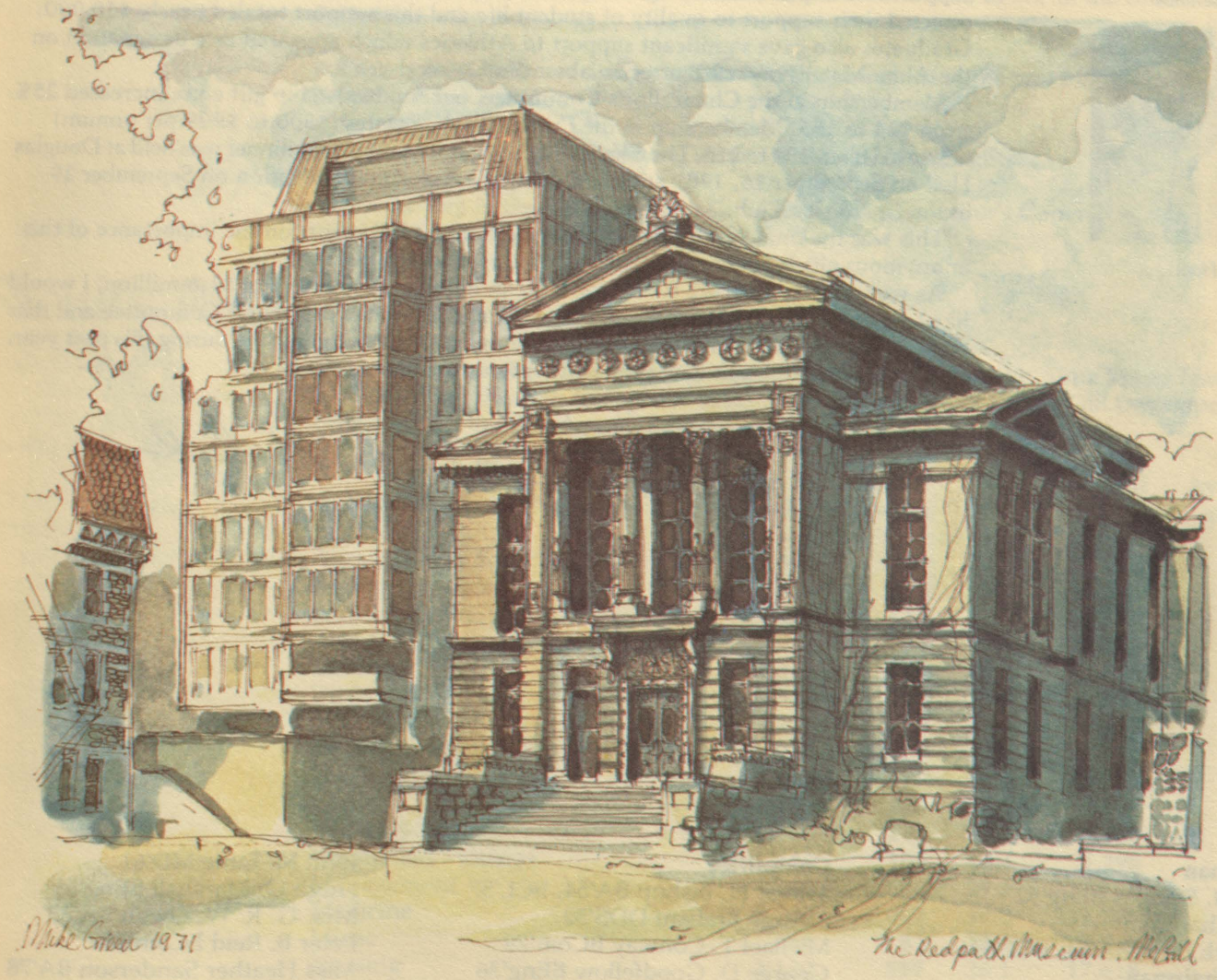
Dr. Pyke is well-qualified to advise us about our diet. After completing a degree in agricultural chemistry at McGill and a doctorate at University College, London, England in 1936, on the possible function of riboflavin in the metabolism, he pursued a long career in the field of human nutrition in such capacities as principal scientific officer (nutrition) for the British Ministry of Food, nutrition advisor to the Allied Commission for Austria, in Vienna, during 1945-46, and then Manager, for some years, of Distillers Co., Ltd., in Menstrie, Scotland, where he was concerned with the quality of manufactured foods. He recently gave up research to write and lecture on science in general and food science in particular, hoping to provide people with some "sensible advice. What I would like to be," he confesses, "is the Dr. Spock of nutrition." □

1980-81 ANNUAL REPORT

The McGill Alma Mater Fund

The McGill Parents Association • The McGill Associates

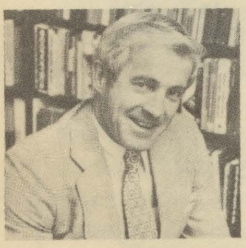
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THE McGILL ALMA MATER FUND



John M. Scholes



A. Keith Ham

It is always a pleasure to report on a year of record "earnings" and our Alma Mater Fund year 1980-81 was just that. Unfortunately, in these days of double-digit inflation, every year must be a record breaker if we are just to keep up.

Gifts from graduates in this past fund year totaled $1,430,261. Of this, $1,354,181 was received from the regular solicitations of graduates and an additional $76,080 was received from the balance of pledges to the McGill Development Program and from faculty and staff who are graduates of the University. The grand total of graduate annual giving since the start of the Alma Mater Fund in 1948 is $18,218,803.

Designated gifts to virtually every faculty and school were considerably higher than the previous year. Deans and Directors of Schools are greatly appreciative of these discretionary funds and are becoming more involved with our class agents and other volunteers in presenting their needs and in accounting to the donors for their support. In addition to faculties and schools, McGill's libraries were major beneficiaries of graduate support. Nearly 2,000 graduates felt that scholarships and Student Aid was an important area and their support to this particular designation totaled $80,853. Many of our more recent graduates directed their support to quality of student life and this support totaled nearly $10,000. Graduates also gave significant support to Athletics which appeared as a designation on the Alma Mater Fund card after an absence of several years.

Membership in the Chancellor's Committee, our top leadership gift club, increased 25% from 124 to 155. Membership in the Principal's Associates ($500 to $999 per annum) increased from 204 to 218. The Chancellor's Committee black tie dinner was held at Douglas Hall on September 16, 1981 and the Principal's Associates Reception on September 19 at the University Club.

This was the final year of our challenge gift and a full report on the importance of this anonymous gift is contained further on in this annual report.

As we start our 1981-82 fund year with an ambitious objective of $1.6 million, I would like to thank Vice-Chairman Keith Ham, the entire Alma Mater Fund Committee and the staff at Martlet House for the tremendous support they have given me during this past year. We look forward to our new year with optimism and confidence.

John M. Scholes

Chairman
John M. Scholes BEng'52
Vice-Chairman
A. Keith Ham BA'54, BCL'59
Past-Chairman
M. Carlyle Johnston BA'50, BCL'53

Committee
Trevor H. Bishop BA'54, BCL'57
George Brabant DDS'52
Michael T. Conway BCom'79
George D. Goodfellow BEng'36
Mitchell Greenberg BA'70
Glenn Higginbotham BCL'75, LLB'76
Claude Joubert BCom'76
John M. Little MD'61
Hugh G. Marshall BEng'51
Mrs. G. R. W. Owen BA'33
Peter B. Reid BCom'57
Miss Heather Sanderson BA'78
Frederick M. Wiegand BA'56 MD'60
Peter Woolhouse DDS'77

THE McGILL ALMA MATER FUND

Statement of Appreciation

The University is grateful for all contributions and is aware of a special measure of gratitude owed to graduates, parents, and friends who contributed $100 or more in the 1980-81 Fund Year—June 1, 1980 to May 31, 1981.

In addition to publishing their names in this report, the University wishes to add this statement of its appreciation to those who through their gifts indicate their commitment to the ideals of the University and their awareness of its needs.

The generosity of all contributors is in no small part responsible for the continuing vitality and strength of McGill. For this McGill University is very appreciative. Thank you all.

Highlights of the 1980-81 Fund Year

- 23.7% of all graduates gave. In Canada, 24.3% contributed; 27.8% in the United States; 7.4% from other countries.

- There were 1,467 new donors and 2,575 who had given in the past but not in the previous Fund Year.

- 5,667 graduates (34% of donors) increased the size of their gifts.

- Membership in the top Leadership Gift Clubs, The Chancellor's Committee and The Principal's Associates, increased 13%.

Faculty Report 1980-81

This report includes all graduate giving for the year through the Alma Mater Fund as well as giving through the special solicitation committees of the McGill Development Program and the Macdonald Agriculture Campaign.

Faculty	No. in faculty	No. of donors	% part.	Amount $	Average gift $
Agriculture & Food Science	3,563	789	22.1	35,828	45
Architecture	924	244	26.4	16,881	69
Arts & Science, men	11,482	2,113	18.4	135,522	64
Arts & Science, women	12,333	2,889	23.4	128,803	44
Dentistry	1,328	543	40.8	41,035	75
Diplomas	1,012	164	16.2	4,819	29
Education	3,219	469	14.5	13,632	29
Engineering	7,962	2,409	30.2	197,425	81
Graduate Studies	7,965	1,199	15.0	144,361	120
Law	2,403	686	28.5	74,138	108
Library Science	1,150	212	18.4	5,783	27
Macdonald - Others	844	105	12.4	4,295	40
Management	4,760	1,394	29.2	117,578	84
Medicine	5,096	2,002	39.2	261,775	130
Music	656	81	12.3	2,235	27
Nursing	2,130	557	26.1	17,618	31
Phys. & Occ. Ther.	1,364	324	23.7	8,174	25
Religious Studies	289	38	13.1	1,614	42
Social Work	1,286	295	22.9	15,838	53
Company Matching Gifts				32,013	
Anonymous, Widows and friends				170,893*	
Faculty Totals	69,766	16,666	23.7	1,430,261	85

*Includes $100,000 Challenge Gift

THE McGILL ALMA MATER FUND

The Fund Year Leaders by Faculty

In Dollars		In Participation	
Medicine	$261,775	Dentistry	40.8%
Engineering	197,425	Medicine	39.2%
A & S (Men)	135,522	Engineering	30.2%
A & S (Women)	128,803	Management	29.2%
Management	117,578	Law	28.5%

The Regional Report

The top 15 areas with Graduates' Society Branches

Area	Dolars	Participation			
Montreal	$436,167	22.0%	Los Angeles	19,599	25.3%
Toronto	145,129	32.0%	Calgary	17,541	30.4%
San Francisco	76,555	29.5%	New Brunswick	12,066	35.0%
Ottawa	65,062	31.0%	Illinois	11,043	26.0%
Boston	36,401	32.7%	Florida	10,850	26.4%
New York	28,396	28.9%	Victoria	10,698	26.0%
Vancouver	28,386	26.3%	Bahamas	10,420	9.6%
			Edmonton	9,826	29.7%

The $500,000 Challenge Gift

In March of 1977, a graduate made an exceedingly generous pledge to the McGill Development Program of $500,000 payable in equal installments over a five-year period. There were two conditions to this pledge—the first being that it was an anonymous gift and the second stipulated that the Alma Mater Fund would use this gift as a challenge to other graduates to either increase the level of their current support or begin their support of McGill. Our anonymous donor agreed to match dollar for dollar every new gift to the Alma Mater Fund and every increased gift up to a maximum of $100,000 in any one fund year.

The challenge was announced immediately with only two and a half months to go in the 1976-77 fund year. The response was overwhelming. Graduates who had given generously in that fund year made second gifts which were eligible to be matched. Recent graduates rallied and started to support McGill and this support has continued over the years. Many regular donors who had yet to make a gift in that current fund year substantially increased their support and by May 31, $116,641 in new and increased gifts had been realized thus more than meeting the challenge.

The momentum continued over the next four years and by May 31, 1981, the cumulative total of new and increased gifts to the Alma Mater Fund over the five-year period of the challenge gift totaled $1,147,460!

McGill is grateful to its anonymous graduate and to those many graduates who responded so generously to the Challenge.

THE McGILL ALMA MATER FUND

Phonathons—a direct line to graduates

The success of Phonathons is attributable to the over 300 graduates and volunteers who placed more than 10,000 calls on behalf of McGill.

Special thanks to the McGill Societies of Toronto, Montreal, and Ottawa for their co-ordinating efforts in these major cities, and to phonathon organizers David Hyndman in Halifax; Randy Trenholm and Tom Jellinek in New Brunswick; Rob Kerr, Ann Vroom, Tony Peccia and Alex Murphy in Montreal; George Winters in Ottawa; Dan Amadori in Toronto; Jackie and Ed Engstrom in Calgary; Gibson Brown in Edmonton; Richard Gordon for Boston, Philadelphia and Washington; and Art Coleman in New York.

Phonathons offer two-way communication between the volunteer representing McGill and the graduate. This enables graduates to ask questions and volunteers to elaborate on McGill's need for private support. During the course of an evening, many graduates are contacted at a very low cost.

Memorial Gifts

The memory of the following McGill graduates, former students and friends was honoured by memorial gifts to the Alma Mater Fund.

The University extends its thanks to the families and friends who chose the McGill Alma Mater Fund as the beneficiary of these In Memorial Gifts.

E. Percy Aikman BSc32, MSc33, PhD35
Professor Dalbir Bindra
Perry Blumberg MSc29, MD32
Edward T. Bourke DDS23
Mrs. R. David Bourke
(Judith Veith) BA54
Ivan E. Brouse MD22
A. Sydney Bruneau QC BA13, BCL17
and Mrs. Bruneau (Ruth Dawson) BA17
Jean Burgess
The Hon. Chief Justice George S. Challies
BA31, MA33, BCL35, MCL47
Bruce Cleven BA62, BCL65
Florence Freedlander Cohen
Reginald B. Cowan BSc26
Dorothy M. Davison
Herman Ebers
Professor Victor Fangor
Dora Farquharson
Randol H. Gault
Harold L. Greaves DDS29
Frank Gertler
James E. Gill BSc21
Mrs. A.K. Glassford
(Norah C. Sullivan) BA29, MA31
Mrs. Richard Grigg
(Betty Prince) BA40
Mrs. J. Peter Harling
(Heather Roy) BSc55
Mrs. J. Ralph Harper
(Ailsie Coghlin)
Bertram Kidd Science 68
Basil C. MacLean MD26, LLD62
Harvey C. MacNabb DDS26
Max Marks MD23
Wilson Mellen LLB26
Hollis W. Merrick MD33
Elizabeth C. Monk QC BA19, BCL23,
LLD75
Frederick D. Mott MD32
A. Deane Nesbitt BEng33
Elizabeth Oughton
James R. Parmley MD30
Elena Paull
Margaret Robertson
Tal Salman BEng43, MEng44
Marjorie Sharp BA67
Richard Shuman MD41
Rev. R. Douglas Smith BA29
Thomas Smith
Professor Jules W. Stachiewicz BEng48,
MEng50
Clarence Talpis BA28, MA30, BCL31
James S. Tapp MA31, PhD33
Leslie Thomson
Robert G. Townsend BSc39, MD41
Robert L. Trerice BSc49
Michael Tucker Eng27
Joan Vanderweyden Science 81
Ernest F. Viberg BSc29
Professor Carl A. Winkler PhD33
Walter Kruchowski BEng50
David Lewis CC QC BA31
Freda K. MacGachen BA29, MA31

THE McGILL PARENTS ASSOCIATION



Lynn and John Walker
Co-Chairmen

The year 1980-81 was another record year for the McGill Parents Association with gifts totaling $52,733. These gifts came from 1,602 non-alumni parents and this compares favorably to 1,552 in our previous year.

Of this total, $49,271 has been transferred to the McGill libraries. The remainder was designated to other specific interests of the donors.

For the second year, the McGill Parents Association, in co-operation with the McGill Graduates' Society and the office of the Dean of Students, sponsored coffee receptions for freshman parents during orientation weeks in August. A total of 18 such receptions were held with parents, the Dean and Associate Dean of Students and various other non-academic McGill staff members who work closely with students. More than 250 parents attended these receptions and appeared to be very grateful for the information they received.

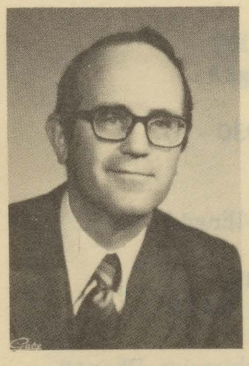
Once again, under the auspices of our Association, a letter from Principal Johnston was sent to all parents of students attending McGill for the first time just to welcome them as part of the "McGill family" and to tell them of the existence of our Association.

To conclude, a word about our committee. In view of the geographical distances involved, it is not a committee that actually meets but we have greatly appreciated the interest that these parents have shown in our program and the input they have given us throughout the year.

Lynn + John Walker

Co-Chairmen: Mr. & Mrs. John M. Walker, Montreal, Que. • **Honorary Chairman:** H. Clifford Hatch, Walkerville, Ont. • **Past Co-Chairmen:** Ambassador & Mrs. Bruce Rankin, Tokyo, Japan • **Committee:** Mr. & Mrs. E. Michael Cadmus, Nassau, Bahamas • M. et Mme Marcel Casavant, Montreal, Que. • Mr. George Horowitz, New York City, N.Y. • Mr. & Mrs. Ernest E. Monrad, Boston, Mass. • Dr. & Mrs. Edward H. Simmons, Don Mills, Ont. • Mr. & Mrs. Mandel E. Slater, Boston, Mass. • Mr. & Mrs. Hedley A. Smith, Halifax, N.S. • Dr. & Mrs. Roderick Turner, Los Angeles, Calif. • Dr. & Mrs. James A.S. Wilson, Montreal, Que.

THE McGILL ASSOCIATES



J.M.G. Scott
Chairman

It is always a great pleasure to report on a successful year and 1980-81 was certainly that for the McGill Associates. In fact, from a financial point of view it was the best year in the 41 year history of the Associates with the exception of 1967-68.

Gifts from members totaled $33,356 compared with the previous year's total of $14,440. A strong membership drive brought in many new members which increased our numbers from 228 to 305.

The highlight of the past year was the McGill Associates' trip to China in May. Twenty-six members and friends participated in this trip during which they visited the University of Peking exactly one year to the day that the entente between McGill and the University of Peking was signed by Principal Johnston. A portion of the trip cost was considered as a tax deductible gift to the Associates and as a result, $8,400 was realized which is included in the above-mentioned total. On our way home from China we stopped in Hong Kong and were entertained at a delightful Chinese dinner by the McGill Society of Hong Kong.

It is a pleasure to report that our committee has been considerably strengthened during the past year by the addition of five new members. This committee meets regularly and I thank all those who have contributed to the success of the past year.

Chairman: J.M.G. Scott, Vice-Chairman of Wood Gundy Limitée • **Vice-Chairman:** Donald S. Wells, Vice-President of the Royal Bank of Canada • **Committee:** William Alexander, Vice-President & General Manager of the Toronto-Dominion Bank—Quebec Division • Aldo Baumgartner, President of Hoffmann-La Roche Limited • Frederick S. Burbidge, President of Canadian Pacific Limited • Melvyn Dobrin, Chairman of Steinberg Limited • Lynn Goth, Vice-President & Director of A.E. Ames & Company Limited • Philip E. Johnston, Vice-President of the Royal Trust Company • F.R. Kearns, President of Canadair Limited • Ralph S. Leavitt, President of Canada New Zealand Casings Limited • John Lynch-Staunton, President of John de Kuyper & Son (Canada) Limited • Maurice Massé, President of Maurice Massé Inc. • Roger Neron, President of Culinar Inc. • Steven F. Owen, Partner of Richardson du Canada • John J. Peacock, Treasurer of Fednav Limited • Jane Polud, President of Agradex International Inc. • David Torrey, Vice-Chairman of Pitfield MacKay Ross Company Limited.

LEADERSHIP GIFT ROLL 1980-81

A substantial number of leadership gifts are vital to the success of any fund raising program.

The following four categories of giving were created for those graduates, parents, associates, and friends who find it financially possible to contribute at these levels.

Gifts of $1,000 or more. Gifts between $500 and $999. Gifts between $250 and $499. Gifts between $100 and $249.

For the year ending May 31, 1981, the Leadership Gift Roll lists all individuals contributing in one of these four categories, except those requesting anonymity.

The Chancellor's Committee

This Leadership Club recognizes donors of gifts of $1,000 or more. Gifts from The Chancellor's Committee totalled $658,425, including gifts given anonymously.

ARNOLD AARON
ANDRE AISENSTADT
CHARLES S ALEXANDER B A52 B C L59
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MILTON A BIDER M A56
H LLOYD BLACHFORD B SC(ENG)18
JOHN W BLEMER M D30
HELMUT BLUME
HUGH S BOSTOCK B SC(ENG)24 M SC25
A MAXWELL BOULTON B A30 B C L33
MRS EDWARD T BOURKE B SC(ARTS)23
* G W BOURKE B A17
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SHELDON M CLAMAN D D S57
BROCK F CLARKE B C L42
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ROBERT N COCKFIELD B COM45
MRS ERNEST C COMMON B A28
MRS FREDERIC B COPPIN B A37
GORDON A COPPING M D30
HAROLD CORRIGAN B COM50
R F PATRICK CRONIN M D53 M SC60
DAVID CULVER B SC47
GEORGE N M CURRIE B ENG51
GEORGE DEGNAN M D39
JACOB DOLID M SC(AGR)21 P H D23
MRS RUDOLPH DUDER B SC42 M S W70
MRS G M M EDWARDS B A16
JOHN P FISHER B ENG51
PHILIP S FISHER B A16 L L D64
R J A FRICKER B ENG40
D LORNE GALES B C L35 L L D79
H GRAHAM GAMMELL B SC48
JOHN M GARDNER B ENG49
DAVID ALAN GEAN M D53
DANIEL L GOLD B COM59
GEORGE D GOODFELLOW B ENG36
MORRIS GOODMAN
MARGARET E B GOSSE B A24 M D28
BERNARD GRAD B SC44 P H D49
* MORRIS J GROPER M D30
DOUGLAS S GROSS B COM51
JOHN W HACKNEY M D39 DIP MED48
MRS HUGH G HALLWARD B SC52
P D P HAMILTON B SC(ENG)22
MRS P D P HAMILTON B A22
R M P HAMILTON B SC(ENG)25
CEDRIC H BERESFORD HANDS B C L29
W G HANSON B SC(ENG)10
DAVID M HARVEY M D55
GERALD G HATCH B ENG44
MRS GERALD G HATCH B ARCH46
H CLIFFORD HATCH
EUGENE J HICKEY D D S41
ISABELLE F HIGGINSON B COM24
G MILLER HYDE B A26 B C L29
WM F JAMES M SC21
M CARLYLE JOHNSTON B A50 B C L53
DAVID L JOHNSTON
FRANK A KAY D D S68
PATRICK J KEENAN B COM54 C A57
PAUL B KELLY M D61
TAYLOR J KENNEDY B ENG38 M ENG39
MOHANDAS M KINI P H D60
MILES C KREPELA M D30
AURELE LACROIX
WENDELL H LAIDLEY B ENG62
YU-MING LAM B SC68 D D S72
ELIZABETH LATHEM M D50
MRS W G LEACH B A46
EARL LERNER D D S63
E A LESLIE B SC(ENG)16 L L D61
A ROY MACLAREN B SC(ENG)23
DOUGLAS W MACMILLAN M D22
LOUIS B MAGIL B ARCH36
GLORIANA J MARTINEAU M A47
GEORGE RONALD MCCALL B SC(ARTS)21 M D39
LAWRENCE G MCDOUGALL B A39 B C L42
D ROSS MCMASTER B A30 B C L33
ELIZABETH B MCNAB B A41
S LEON MENDELSOHN B C L24
ROBERT D MIDGLEY M D60
DONALD D MOSSMAN B SC(ARTS)23
DAVID B PALL B SC36 P H D39
CHARLES H PETERS B A28 L L D74
LAZARUS PHILLIPS B C L18 L L D65
JANE M POLUD
ALFRED POWIS B COM51
WILLIAM M PRUDHAM B A23 B SC(ENG)25
JAMES B REDPATH B SC(ENG)31
H ROCKE ROBERTSON CC B SC32 M D36
MRS ANDRE ROSSINGER M S W51
WILLIAM S ROW B SC(ENG)27
DR LAURA ROWLES B A25 P H D28
W ROWLES M SC26 P H D28
NATHAN W RUBIN M D27
MRS ARTHUR J SANTRY JR B SC47
JOHN M SCHOLES B ENG52
J M G SCOTT
MRS H S SEXSMITH M S W55
JAMES M SHEA M D61
HUNTINGDON SHELDON B A51
E DAVID SHERMAN M D32
GEORGE A SIMPSON M D30
C IRVING SLACK B SC(AGR)48
W W SOUTHAM B SC(ENG)30
JOHN D SPRING M D30
JAMES P STANLEY B ENG38
ELIZABETH A STEFFEN M D45
H ARNOLD STEINBERG B COM54
MRS H ARNOLD STEINBERG B A55 P H D61
E P TAYLOR CMG B SC(ENG)22 L L D77
W MURRAY TELFORD B SC39 P H D49
ROY E TENNEY M D19
ROBERT C THOM B SC53 M D55
A LLOYD THOMPSON P H D43
EDWARD L THOMPSON B COM48
MRS JOHN A TOLHURST B A33 M A34
LAURENCE C TOMBS B A24 M A26
LESLIE VADASZ B ENG61
ROGER W WARREN COM55
COLIN W WEBSTER B A24
LORNE C WEBSTER B ENG50
R HOWARD WEBSTER B A31
AILEEN WHITE
WILLIAM P WILDER B COM46
MAURICE ZANGER

The Principal's Associates

This Leadership Club recognizes donors of gifts between $500 and $999. Gifts from The Principal's Associates totaled $123,280, including gifts given anonymously.

WILLIAM R G ABBOTT B COM68
KENNETH ALLAN AIKIN B SC70 M D74
J L AIKMAN B ENG50
JOSEPH AIN B ENG39
BERNARD M ALEXANDOR B A28 B C L31
LLOYD B ALMOND B SC(ENG)26
JOHN D ANDREW B COM49
DAVID H APPEL B A62 B C L66
MRS SADIE ARONOFF DIP S W30
DOUGLAS AVRITH B A75
FREDERICK G BARKER B ENG39
M GLADYS BEAN B A40 DIP P E41
PAUL BEDOUKIAN B ENG36 P H D41
THEODORE S BEECHER B SC39 M D41
JOHN B BEWICK M D51
HAROLD F BIEWALD D D S55
MRS MURIEL BIEWALD B SC(P E)52
BRENDA L BIRKIN B SC67 M D71
JOHN BLUNDELL
E ROGER BOOTHROYD M SC40 P H D43
R DAVID BOURKE B ARCH54
DONALD D BRENNAN B ENG61 DIP MGMT70
HUGH M BROCK B SC(ENG)28
ROBERT S BROUGHTON P H D72
G COLIN BUCHAN M D58
ERWIN L BURKE M D55
WILLIAM KEITH BURWELL M D26
ARTHUR G CAMPBELL B A38
E BOWER CARTY B COM39
ALLAN V CASTLEDINE B COM48
ALISTAIR G CATTERSON B SC52 M D56
SHAM L CHELLARAM B COM68
ROGER CHENG B ENG38
JOSEPH B CHERRY B SC42 M D43
WALLACE P CHIU B ARCH59
ROSS T CLARKSON B C L48 L L D67
HAROLD COHEN B A28 M D32
J N COLE
DAVID L COLLINS M D54
H ROY CRABTREE B SC38
J M CRUIKSHANK MD CMG M D25 DIP MED36
MRS EDGAR DAVIDSON B A33
H WEIR DAVIS - B A28 B C L31
A JEAN DE GRANDPRE B C L43
GUY R DECARIE B ENG48
M HARLEY DENNETT B SC51 M D55
DAPHNE F S DENTON M D53 DIP MED63
J A DIXON B SC48
S H DOBELL COM22
MARGARET RUTH DODDS B A32 M A34
DAVID G DORION B COM54
C M DRURY B C L36
CHIPMAN H DRURY B ENG39
GORDON L ECHENBERG B A61 B C L64
JOHN B FELTNER M D37
DONALD G FINLAYSON B C L52
JANET L FINLAYSON B SC(H EC)59 B L S65
ROBERT P FLEMING B ARCH37
GEORGE E FLOWER B A40 M A49
PHILIP F FORAN B C L30
R ARMOUR FORSE M D47 M SC50
PHILIP B FRENCH B ENG34
SAMUEL FROMSON B ENG38
STANLEY B FROST
RONALD E GALLAY B COM54
MARVIN B GAMEROFF B A53 B C L58
A R GILLESPIE B COM30
MRS JOHN D GILLIAM B SC59
W A T GILMOUR B SC(ENG)26
L S GIULIANELLI B SC(ARTS)28 M D32
C ALLISON GRAHAM B ENG34
JAMES N GRASSBY B ENG39 M ENG40
PETER W GREEN M SC(APP)60
JAMES H HABEGGER M D64
JOHN M HALLWARD B A50
A KEITH HAM B A54 B C L59
ALEX D HAMILTON B ENG40
MRS ALEX D HAMILTON B SC4
ERIC L HAMILTON B COM34
G B CLIFTON HARRIS B SC45 M D50
RICHARD M HART P H D70
ROBERT W HENWOOD B ENG33
LEWIS W HERSEY B SC52
MARGARET C HIGGINSON B SC(ARTS)26
ROSS O HILL B SC46 M D48
CHEE KONG HO D D S77
EDWARD P HOOVER B A25
W DAVID HOPPER B SC(AGR)50
PETER B M HYDE B A61
CARL H JACKSON B SC(ENG)21
WILLIAM JAMES P H D57
WILLIAM E JAQUES M D42
KATHLEEN R JENKINS B A26
ALICE E JOHANNSEN B SC34
RALPH M JOHNSON B ENG49
NEIL V JOHNSTON M D61
DAVID PHILLIP JONES B A70
HARRY N KANGLES B SC46 BCOM48
JOHN KAZUTOW M D36
E DUDLEY KEEVER M D53
KATHERINE H KETCHUM B A24 M D31
JOHN G KIRKPATRICK B SC39 B C L42
M O KIRSCH COM22
ALAN KIRSCHBERG B A28 M A29
ANDREW J KOVACS B SC66 MD68
NATHAN R KRUPKIN M D30
SAMUEL B LABOW B SC58 M I62
LAURENCE L LACAILLADE B A65
THERESE LACROIX
W E LAMBERT
BERNARD J LANDE B A30
MRS BERNARD J LANDE B A36
HOWARD J LANG B ENG35
JOHN A LANG B A37
ROBERT E J LAYTON B ENG47
MRS ROBERT E J LAYTON B A47
HELEN R E LEAVITT B A45 M A49
C P LEBLOND
JOHN M LITTLE M D61
A L LOCKWOOD M D10
SI-HONG LUK
ROBERT E MACFARLANE M D61
ALEXANDER S MACINNES P H D41
MAYSIE S MACSPORRAN B A27 M A30
PATRICK J MARS B COM62 M I A65
HUGH G MARSHALL B ENG51
A DAVID MCCALL B ENG56
CHARLES A MCCRAE B COM50
J IAN MCGIBBON B ENG51
STANLEY E MCGURK B ENG54
KENNETH G MCKAY B SC38 MSC39
J LORNE MCKEOWN B A48
ANSON C MCKIM B COM24 B A27
DONALD R MCROBIE B COM34
A H MENDEL B ENG44
KENNETH S MILLER B A40
MRS H A MILNE B A32
DAVID H MOLSON B ARCH52
G H MONTGOMERY B A33 B C L36
F LLOYD MUSSELLS B A40 M D44
GEOFFREY C NOBLE B SC(AGR)51
ROBERT S O'BRIEN B A51 B C L53
RICHARD E PARE B C L47
MRS RICHARD PARE
J ALLAN PERHAM B ENG38
HENRI W PERRON AGR52
CHARLES HUGH PIGOT B SC(ENG26
WARD C PITFIELD B COM48
ISIDORE C POLLACK B A35
RICHARD W POUND B COM62 E C L67
WILLIAM F W PRATT B A21 B C L24
N L RAPPAPORT
ROBERT M RENNIE B COM48
EDWARD RESNIK M D30
MRS MICHAEL RIDDELL B COM61
W GORDON ROBERTS B COM32
KATHLEEN ROBINSON M D45
HUGH G ROBSON B SC56 M D60
BRAM ROSE M D33 P H D39
GORDON M ROSS B ENG55
JAMES L ROSS B A50 M D54
JOHN ST C ROSS B ENG55
HERBERT B RUBIN B SC64 M D6
ARTHUR RUDNIKOFF
HERBERT C SALMON B A50 B C L53

*Deceased

ANTHONY F SALVATORE B ENG49
JOHN WESTWOOD SANDISON
LINDA S SCHENCK B SC72
JOHN H SCHLOEN B ENG32
DAVID G SCOTT B COM32
WARNER F SHELDON M D37
DOUGLAS J SHELTINGA M D48
KA CHUEN SHIN M D54
EDWARD J SHOIRY B C L74
MRS RICHARD SHUMAN
S W SMITH M D40
ZOE B SMITH B A15
WILLIAM C SMYTH B ENG36
KENNETH E SORENSEN B ENG52
B R STACK M ENG53
JOHN C STARR B ENG38
GRANT STEMMERMANN M D43
F RICHARD TERROUX B SC(ARTS)25 M SC26
WILLIAM A TETLEY B A48
JACQUES TETRAULT B COM49 B C L52
ALAN G THOMPSON M D43
ZEEV VERED B ENG54
ROLAND G WARE M D58
ELIZABETH F WATSON DIP NUR56
M LAIRD WATT B CQM34
ROBERT L WHALEY B A54 M D58
MRS MARY M J FEHER WHITE B A53
FREDERICK M WIEGAND M D60 M SC64
WILLIAM E WILSON M D53 M SC57
JAMES WILSON
ISRAEL WINKLER B A36 M D39
CHOK C YEE B SC65 M D69
WILLIAM EDWARD YVORCHUK
RADOSLAV ZUK B ARCH56

Gifts between $250 and $499

Gifts at this level totaled $118,142, including gifts given anonymously.

D C ABBOTT B C L21 L L D51
SAMUEL ABERMAN B ENG65
FRANCES E ABOUD M A70 P H D73
MRS SAMUEL T ADAMS B A39
H ADELMAN
JAMES M ALEXANDER M D34
WILLIAM ALEXANDER
CLIVE V ALLEN B A56 B C L59
GWYNNETH A ALLEN B N58 M SC(APP)75
GEORGE A ALLISON B A37 B C L40
TOM ALT
ERNEST R AMBROSE D D S50
JOHN H AMBROSE B SC(ENG)24
ROBERT F APTER B SC(ENG)30
ARTURO L ARANAS DIP MED64
FRANCIS M ARCHIBALD B SC(ENG)23
WILLIAM L ARGO M D40
PHILIP P ASPINALL B COM50
EFFIE C ASTBURY B A38 B L S39
JAMES L BALLENY B SC(ENG)25
EDWARD M BALLON B A47
DAVID M BALTZAN M D20
IAN A BARCLAY B C L48
PETER BARG M D44
MRS STANLEY BARON B A51
FRED W BARTON M D48
DONALD W BAXTER M SC53
MIMI M BELMONTE B SC48 M D52
GERALD BENJAMIN B COM46
NORMAN W BENSON B ENG40
MONTY BERGER B A39
* DALBIR BINDRA
G DRUMMOND BIRKS B COM40
ERNEST D BLACK B SC(AGR)52 M SC(AGR)58
DAVID M BLAIKLOCK B A48
LOUIS S BLOOM
ROBERT S BOIRE B COM48
DOUGLAS T BOURKE B ENG49
MRS DOUGLAS T BOURKE B A49
HARRY M BOYCE B COM30
SHIRLEY A BRADFORD B COM41
FREDERICK W BRADSHAW B SC(ENG)25
RUTH O F BRADSHAW B SC(PO T)61 M SC(APP)75
PAUL BRAIS B ENG49
LOUP BREFORT M B A77
JOHN F BRINCKMAN B A55
JEAN BRISSET B C L35
DOUGLAS C BROCKIE B SC42
EDWIN J BROWN M D48
RICHARD T BROWN B ENG61
ROBERT S BROWN P H D36
JOHN H BURGESS B SC54 M D58
BENJAMIN CAPLAN B A30 M A31
RAYMOND CARON B A28 B C L31
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MRS STELLA CHARLESON B SC63
JEAN CHARTON B ENG47
PETER CHERNIAVSKY
MRS PETER CHERNIAVSKY
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WALLACE B CHUNG M D53
JOHN E CLEGHORN B COM62
C ALEC L CLOKIE D D S58
BAYARD COGGESHALL M D43
ELEANOR COLLE
DORIS NUNES COLLINS M D44 M SC49
R VERNON COLPITTS M D44
WILLIAM R COOK B COM52
GERALD E COOPER B SC48 P H D53
SAM COOPER
F CAMPBELL COPE B A24 B C L27
MRS E C CORISTINE B A41
GEORGE A COSLETT B ENG51
H A COTNAM B COM25 C A26
DR MARY ROCHE COURTRIGHT B SC40 P H D44
DANIEL F COWAN M D60
WILLIAM G CUMBERLAND B SC68
MRS FREDERICK H CUMMER JR B SC38
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MRS MARY A DAVIDSON B A41
THOMAS R M DAVIS B C L72 L L B79
J A DE LALANNE CBE MC ED B A19 L L D80
MARC E DE WEVER B C L69
DONALD J DEWAR P H D40
DONALD G DOEHRING
MAURICE DONGIER
LOUIS M DORSEY B A29
JAMES N DOYLE B A37 B C L41
DEREK A DRUMMOND B ARCH62
C ALEX DUFF B SC37
RUSSELL A DUNN B ENG38
DOUGLAS L DYKEMAN M D53
CHARLES A EAVES B S A32 M SC(AGR)37
ELIZABETH G EDWARDS B A47
A DOUGLAS ELLIOTT B ENG51
FRANK PRIDHAM ESTEY B SC72 M D76
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ROBERT W FAITH B A53 D D S58
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ANGELO J FAVRETTO B ARCH47
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U PAUL F GAREAU B SC49 M D53
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DAVID C GEGGIE B A48 M D50
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JOAN M GILCHRIST B N58 M SC(APP)64
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PIERRE GLOOR P H D57
PHILIP GOLD M D61 P H D65
LEO GOLDFARB
M GOLDSTEIN
HAROLD M GORDON B ENG50
REAL GOSSELIN B ENG46
ROBERT GOTTSCHALK B SC(ENG)31
* MRS A MCC GRANT B A29
WILLIAM T GRANT B COM34
E PHILIP GREENBERG B COM58
MILTON GREENBERG M D28
MRS E GREGORY
TASS G GRIVAKES B A54 B C L57
ROBERT S GURD B SC48
H M HAGUE B C L21
BURT B HALE B SC47 M D49
THOMAS R HALE B SC47 M D49
JOHN A HALL B SC42 B ENG49
E H P HAMILTON B SC(ARTS)27
J DAVID HAMMOCK B SC63
H ANTHONY HAMPSON B A50
H GEORGE HAMPSON B A47 M A49
ABRAM B HANDELMAN D D S39
EDWARD T HARBERT B SC(ENG)23
SEAN J HARRINGTON B C L68
THORNLEY W HART COM37 *
L DOUGLAS HAVENS B SC62
R S HAYDEN M D31
JAMES P HENNIGER B SC60 P H D65
MRS JAMES P HENNIGER B A62 M A65
WILLIAM P HILLGARTNER
DAVID Y HODGSON B COM48
ALFRED T HOLLAND B COM41 C A50
MRS EDWARD P HOOVER B A34
E HOU *
MRS E HOU
DORIS A HOWELL M D49
F S HOWES B SC(ENG)24 M SC26
JEAN E HOWIE B SC44 DIP MGMT76
J LAWRENCE HUTCHISON B SC49 M D53
REED W HYDE B SC41 M D44
W FARRELL HYDE B COM54
DORTHA M JACKSON DIP S W26
H ANTHONY JEW M D62
JOHN B JEWELL M D43
A L JOHNSON M D40 M SC47
DONALD J JOHNSTON B C L58 B A60
J STUART JOHNSTON B ENG40
MRS M CARLYLE JOHNSTON B A50 M S W54
ARCHIBALD R C JONES
J KENDALL JONES M D56
J JOSEPHSON B ENG44
HAROLD J KATZIN B ARCH65
M A KAUD
GERHARD E KAUNAT B ENG54
STUART E KAY B SC(ENG)21
JOHN J KELLY M D53
JOHN P G KEMP B ENG48
PATRICK S KENTEBE B ENG65
JOHN J KERR B ENG46
ESTHER W KERRY DIP S W30 M A39
LAWRENCE I KESSLER B ENG61
AYTON G KEYES B COM40
ROYAL C KIRBY B A50 M D52
BARBARA PEAD KRAFT B A43 M D47
DOMINIC LA SCHIAZZA B SC56 M D60
MRS WENDELL H LAIDLEY B A64
WILLIAM J LAMBERT B ED(P E)60 D D S64
ADELE DE G LANGUEDOC B A29
MURRAY LAPIN M A41 B C L44
C PHILIP LARSON JR M D58
RUSSELL A LEVE B SC69 D D S71
SOLOMON LEVITES B A36
MRS SOLOMON LEVITES B A36
JEAN B LIBERTY B SC(H EC)60
MRS GORDON LIERSCH B L S33 S W58
DOUGLAS M LINDSAY B SC51
A BRIAN LITTLE B A48 M D50
ALWYN D LLOYD B COM52
CLAUDE LUSSIER B C L45 M C L46
DONALD J MACCANDLISH B ENG50
THOMAS D MACDONALD D D S71
DOUGLAS W MACEWAN M D52 DIP MED58
DAVID MACKENZIE B A48 B C L51
JOHN P S MACKENZIE B COM47
WALLACE MACKINNON B A39
GORDON A MACLACHLAN
MRS A B MACLAREN B SC(ARTS)19
ALLISTER W MACLEOD B COM55
JAMES A MACMILLAN M D48
MRS JOHN MAIER B A39 B L S39
ROBERT H MARCHESSAULT P H D54
JOHN DE M MARLER B A29 B C L32
ROBERT EDWIN MARSHALL M D52
DEREK H MATHER B COM54
A IAN MATHESON B COM32
ABE B MAYMAN B SC45 M D47
WALTER J MCCARTHY B COM50
JOHN F MCDOUGALL M SC31
BRIAN I MCGREEVY B A30 B C L33
MRS G B MCINTOSH
GEORGE B MCINTOSH B A42
GEOFFREY G MCKENZIE B COM52 C A55
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GEORGE V J MEAGHER B ENG42
MICHAEL A MEIGHEN B A60
DENIS MELANCON
ROBERT M MELNIKOFF B SC54 M D58
MARTIN G MENDELSSOHN B SC65 M D69
STANLEY MEROVITZ B COM68
PHILIP MEYEROVITCH B C L21
ROY WATT MILLER B SC67 M SC73
MRS W O CHRISTOPHER MILLER B A53
CATHERINE A MILNE B SC68 M D70
PETER M MILNER M SC50 P H D54
SHARON R MITCHELL B ED63
JAMES W MITCHENER B SC53 M D55
ROBERT H MONTGOMERY B C L35
R DUNCAN MORAN B SC67 D D S72
JOHN D MORGAN B COM52
FRANCIS MORRIS B A75
NORMAN D MORRISON JR M D34
MRS NORMAN MORRISON JR B SC33
ARTHUR E MUKOMELA M D57
DAVID A MURPHY M D60
MICHAEL MUSACCHIO B COM77 M B A79
HELEN R NEILSON B H S39 M SC(AGR)48
DOUGLAS A NESS
JOHN S NEWMAN B ENG50
JOHN A NOLAN B A34 B C L37
SALME NOMMIK M SC52 P H D57
JOHN L NORRIS M D31
WILLIAM E NORRISH B A38 B C L42
EDWARD NORSWORTHY B ENG39
MRS MARY M OATES M SC(APP)71
J R OGILVIE B SC(AGR)54
RUDOLF R OKKER B COM71
PETER ONNO B ENG58 P H D65
MARIO ONYSZCHUK B SC51 P H D54
GUY E OTOBO B ENG60
JOHN G PAGE M D56
JAMES S PALMER B A48
HUGH D PALMER M D43
BERNARD PANET-RAYMOND B ENG47
GEORGE S PANOS B ENG34
ALLAN A PARK B ENG49
KENNETH B PARROTT B SC53 M D55
ROBERT L PAYNE B ENG46
RICHARD O PEACH M D54
ROBERT Z PERKINS M D47
CHARLES H PERRAULT B ENG43 M ENG46
CHARLES W PETERS B A61
PERRY A PETERSON M D66
MRS H J L PETERSSON B A41
ANNE MARIE PINTO M A72 P H D74
JAMES I PORTER B SC50 M D52
MRS A C PUE-GILCHRIST B SC40
WILLIAM H PUGSLEY B COM34 P H D50
JOHN B QUINLAN B ENG62
T JAMES QUINTIN M D30
JAMES O RAMSAY
GORDON A READ B ENG53
EUGENE E RECORD M D37
JOHN H REDPATH M D68
L ERIC REFORD B A21
MICHAEL L RICHARDS B A60 B C L63
MRS R J RICHARDSON B SC52
IRMA RILEY CERT NUR51
GORDON S RITCHIE B COM41
JAMES A ROBB B A51 B C L54
MRS FRANCES M ROBINSON B A25
STEVEN R ROESSLER B ENG59
ISADORE ROSENFELD B SC47 M D51
CLARENCE ROSENHEK M D40
GAVIN ROSS
MRS WILLIAM K ROSS B A48
JOHN ROSTON B A76
DONNA R RUNNALLS B D64
EILEEN RUSSEL B A24
LEO E RYAN B ENG32
GEORGE P SAYRE M D38
ALASTAIR G SCARTH B SC47 M D51
DAVID MARCH SCHAFFELBURG M D72
MRS MICHAEL SCOTT B A50
JESSIE BOYD SCRIVER M D22 D SC79
HAROLD N SEGALL M D20
LAURENCE SESSENWEIN B A24 B C L27
MRS J G SHANNON MUS48
HERBERT M SHAYNE B COM47
MRS WARNER F SHELDON B A33
JAMES G SHETLER B A58 B C L61
BRYAN M SHIEMAN M D54
HERBERT E SIBLIN B COM50
JOHN SLOAN
MRS JOHN SLOAN
CHARLES J SMITH M A51 P H D54
* DAVID N SOLOMON B A39 M A42
MRS DOROTHY SOROS B A23
THEODORE L SOURKES B SC39 M SC46
VERA L SPENCER B N51
TOR OSCAR STANGELAND B A50 B C L53
IVAN STANKOVIC D D S78
W J STENASON B COM52 M COM54
PAMELA D STEWART M A61
PAGE W T STODDER
PATRICK MCG STOKER B ARCH51
MRS J H STOVEL B A48
JOSEPH STRATFORD M D47 M SC51
JOHN JAMIESON STUART B COM35
D'ALTON M SWIFT B ENG64
A SANDY TAMBOSSO D D S57
GENE D TANG M D59
W REES TAPRELL B COM23
IRWIN TARAS
MALCOLM A TASCHEREAU B ENG53
PARR A TATE B SC46 M SC47
DUDLEY R TAYLOR B ENG37
JAMES ROBERT TAYLOR
JOSEPH TELGARSKY
MRS JACQUES TETRAULT
ALLAN W THOMSON M D52
TREVA M TILLEY DIP P E27
DANIEL H TINGLEY B C L63 B A63
GEORGE TOLIS
J M TRAINOR M D55
MARGERY W TRENHOLME B A35 B L S46
A TRETHEWEY
MRS A TRETHEWEY
A E W TRITES M D54
CEDRIC E M TUOHY JR M D53
JOHN H VAN DE LEUV M D57
MRS ROBERT VAN NUS
NORMAN VAN WYCK B A30 M D35
STEPHEN A VINEBERG B COM58
PAUL VON HAESELER M D31
LOUIS J WAINER B A29 M D33
LACEY WALKE M SC(AGR)58 M D62
PETER D WALSH B A52 B C L55
STAN WARING DIP AGR67
ALLAN G WATSON ENG42
MRS L STUART WEBSTER B A38
I W WEINTRUB B SC48 M D52
GEORGE W WESTON B COM51
WILLIAM H WHITE M D36
MRS J WHITEHEAD
BARBARA J WHITLEY B A40
JOHN M WIGGETT B ENG42
MRS WILLIAM P WILDER B A51
ROLLA E WILSON M D53
CHARLES V WILSON P H D33
HENRY E WILSON M D37
RICHARD B WILSON B COM24 L L D80
LEWIS W WINTER B SC57
FRANK D WOLEVER B ENG43
DONALD O WOOD B COM56
RAY M WOOD M D54
LAWRENCE A WRIGHT B COM48
HARVEY YAROSKY B A55 B C L61
WOLF ZITZMANN

Gifts between $100 and $249

Gifts at this level totaled $351,205, including gifts given anonymously.

KENNETH E AARON M D71 M SC71
MONROE ABBEY LAW26
CHAIKER ABBIS B C L48
CHARLES W ABBOTT-SMITH B SC59 M D63
ARTHUR C ABBOTT B SC(ENG)26
JOHN A R ABBOTT B ENG57
ELIE ABEL B A41 L L D71
DAVID PETER ABER B COM29
SAMUEL ABER B A35 M D40
WILLIAM H ABEY M D26
J W ABRAHAM D D S23
MRS MORTIMER ABRAMSKY B A55
ARTHUR S ABRAMSON B SC34 M D37
E H ACHONG B SC58 M D60
C F DOUGLAS ACKMAN M D60 DIP MED67
JUDY C ACREMAN
SHIRLEY R ADAMS B SC62 M D68
GLENN N ADAMS B SC49 P H D53
JAMES R ADAMS B SC36 P H D40
ROBERT AGAJEENIAN B A29
ANDRES AGUILAR-MAWDSLEY M C L48

*Deceased

MRS E PERCY AIKMAN
PETER J AIRD B COM49
MRS ALAN AITKEN B A34
GEORGE K AJEMIAN D D S64
INA E AJEMIAN M D64
DANIEL ALBERT B A40
GEORGE ALEXANDER B COM41
J CLAUDE ALLARD B COM49
A GIBSON ALLEN B A48 M D50
NORMAN T H ALLEN D D S64
HAROLD ALPER
BRUCE A AMBROSE B SC70
HAROLD D AMES M D47
PAUL M AMOS B SC65
RICHARD G ANDERSEN M D60
EUGENE C ANDERSON M D60
MRS G J ANDERSON B SC(H EC)48
LAWRENCE K ANDERSON B ENG57
YVES MARIE ANDRE D D S73
EVANGELOS D ANDROUTSOS D D S62
JOHN B ANGEL B ENG35
DAVID C ANGELL M D55
D MURRAY ANGEVINE M D29
JOHN V A ANGLIN M D53
HENRY F ANGUS B A11 L L D49
M G ANGUS
W DAVID ANGUS B C L62
JOHN C ANTLIFF B SC51
EDWARD M APEN JR M D61
LEONARD APPLEBY B A46 M D48
ERIC B APPLEBY B COM52
JOSE AQUINO
VIOLET B ARCHER L MUS34 B MUS36
GEORGE G ARCHIBALD B SC(AGR)68
RICHARD E ARCHIBALD B SC(AGR)52
V T ARCHIBALD M D43
EVA C ARENDT-RACINE B A41 M D49
T ARGYROPOULOS B ENG51
DONALD E ARMSTRONG P H D54
KENNETH ARMSTRONG
A ARONOFF B SC45 M D49
KELLY J ARREY B ENG50
M ELIZABETH ARTHUR M A47 P H D49
MRS ASHLEY JEFFERSON ASHMELE B A56
CHAS ASSELIN D D S43
MRS EDITH ASTON-MCCRIMMON
DIP P T50 M SC(APP)80
MRS DEREK S ATKINSON B COM47
I E ATTAS M ENG49
ELHAMY L ATTIA
LOUIS A AUBE M D43
PETER A M AULD M D52
MRS E AVRITH DIP P O T52
JOHN P AYER M D42
HAROLD E AYERS B COM28
CORNELIUS M BAARS M SC(APP)58 M D64
RONALD A BACKUS M D64
BRYAN H BADGER B ENG65
K JEAN BAGGS B SC67 M D71
E BARBARA BAIN B SC53 P H D65
GEO WM BAIN B SC(ENG)21 M SC23
FRANCES BAIRSTOW
JOHN L BAKER B COM47
SAM BAKER
RICHARD J BALFOUR B ENG46
DONNA LEE BALKAN B A75
ALEXANDER G BALOGH B ENG54
ARNOLD D BANFILL B C L40 B L S47
CHARLES R BANNON M D44
ALBERT F BANVILLE B COM78
GILBERT A BARBER D D S30
G MELVIN BARCLAY B SC(AGR)64
HUGH G BARCLAY B ENG57
JEAN M C BARDIN P H D72
CHARLES S BARKER B A28 M D32
HARVEY BARKUN B SC48
ALAN J BARNES MD CM M D66
DONALD M BARNETT M D57
HENRY A BARON M D28
MRS LEONARD BARRETT B SC42
CARLOS BARRIGA
J DOUGLAS BARRINGTON B COM64
L HOPE BARRINGTON B A29
AUGUSTINE L BARRY B ENG40
MICHAEL BARSKI B ENG68
ALLEN E BARTLETT B COM52
ELINOR M BARTLETT B A53 B L S59
A JOYCE BARWICK B SC46 M SC48
KENNETH BARWICK B ENG52
MICHAEL J BARZA B SC60 M D64
E J BASSEN M D22
THOMAS C BATES M D62
CLARENCE L BATES M D34
MRS CLARENCE L BATES B A30
JOHN BATES M B A78
ARTHUR F BATTISTA B SC43 M D44
PATRICIA BAULU B SC61
HARRY MORIS BAUM D D S77
ALDO BAUMGARTNER
JAMES D BAXTER M D47 M SC52
MRS CLIVE L B BAXTER M A61
ROBERT BAXTER B SC33 M D38
MRS ROBERT BAXTER B A34
W J BAXTER M D29
J RONALD D BAYNE B A45 M D47
CHARLES M BEACH B A68
CHARLES B BEAMISH D D S58
RAHNO M BEAMISH NUR28
LAURENCE R BEATH B ENG35
J WALLACE BEATON B COM43
W HARRY BEATON B ENG47
ROBERT T BEATTIE M D57
EDMOND G BEATTY B SC48
MRS JAMES HERBERT BEAUCHAMP
DIP ED60
LEON BEAUDIN B S A22
PIERRE H BEAUDRY
DENIS YVES BEAUSOLEIL B A78

ROBERT G BECK B SC(ENG)27
BRUCE H BECKER B COM46 C A54
LAVY M BECKER B A26
NORMAN BECKOW B COM46
RAYMOND J BEDARD D D S79
BYRON E BEELER B SC(AGR)58
ANDREW BEELIK P H D54
MRS ANDREW BEELIK B L S54
JAMES F BEESLEY M D53
PAUL B BEESON M D33
JACQUES BELANGER B COM33
JEAN BELANGER B C L64
JOHN N BELL M D53
EDWARD S BELL B ENG54
FLORENCE M L BELL B A32
MRS ROBERT E BELL B A47 B L S53
CLAUDETTE BELLEMARE B A70 B C L73
LEON BENARROSCH M A68
PETER BENJAMIN B SC51 M D55
BRUCE G BENNET B COM49 DIP MGMT59
HAZEL W BENNETT B H S42
R DOUGLAS BENNETT B ENG32 P H D35
VICTOR R BENNETT B COM51
KENNETH C BENTLEY D D S58 M D62
BRUCE M BENTON B SC55
D DANNY BERCOVITCH B A54 M D58
GEORGE D BERKETT B SC(ARTS)31 M D36
SAUL M BERKOWITZ B ARCH39
NATHAN BERKSON M D49
MELVYN BERLIND M D28
JACK BERMAN D D S54
BRUCE M BERRIDGE B ENG54
R STAVELEY BERRY B SC48 M D52
WILLIAM POWELL BERRY M D75
MRS GORDON BERSON ARCH69
AUSTIN C BEUTEL B COM53
MRS AUSTIN C BEUTEL B A58
DONALD BEWS DIP MED45
ALEXANDER BIEGA B C L49
ROBERT J BIERSNER M A64 P H D66
SERGE BIKADOROFF B SC54 M D58
RALPH BILEFSKY B SC57 M D61
ROD J BILODEAU B ENG48
JOHN C BINNEY B SC59 M D64
CHAS A BIRBARA M D62
CHRISTOPHER BIRD
JOSEPHINE N BIRD B SC49 M D53
BARRIE D BIRKS B A70
GERALD A BIRKS
MRS JOHN E BIRKS B A34 M A39
MRS LLOYD W BIRMINGHAM M SC46
P H D49
MRS KERSTI BIRO B COM70 M B A77
JOHN M BISHOP JR B ENG47
JOHN G L BISHOP B A50 B C L53
DON L BISHOP M D63
GILBERT BISHOP B SC(ARTS)23
TREVOR H BISHOP B A54 B C L57
ARLAN E BJARNASON M D53
DUNCAN R BLACK B ENG50
ELDON P BLACK B C L49
DAVID C BLAIR M D52
WESTON BLAKE JR M SC53
BARBARA BLAKE
ROY M S BLAKE B SC54 M D59
MRS ROBERT BLAKELY B A71
PAUL M BLANCHET B SC(ENG)30
HOWARD A BLANCHETTE B SC65 M D71
MRS JOHN BLAND B A41
JOHN BLAND B ARCH33
LIONEL J BLANSHAY B A61 B C L64
ANTON BLASKOVICH
MICHAEL A BLAU B SC64 D D S69
ANCEL U BLAUSTEIN B SC42 M D45
ANCEL U BLAUSTEIN M D48
HECTOR P BLEJER B SC56 M D58
ETHEL BLOCK B A16
J BENJAMIN BLOCK B ENG37
DAVID BLOOM B ENG35
MRS DAVID BLOOM B COM36
LAWRENCE S BLOOMBERG M B A65
MAX LOUIS BLOOMBERG
MAIER L BLOSTEIN B ENG54 M ENG59
LEO M BLUTEAU B ENG50
JOHN A BOA B ENG50 DIP MGMT57
MRS J D BOADWAY B A41
JOHN E BOGUE B COM62
MAURICE J BOIVIN M D58
EDWIN B BOLDREY M SC36
GEORGE F BONDAR M D57
MICHAEL M BONE B COM52
BENJAMIN H BONNLANDER B SC53 M D59
MICHAEL BOOTH M D72
HENRY BORDEN CMG B A21
ROBERT R BORIGHT B SC41 M D44
MRS ROBERT R BORIGHT B SC(H EC)51
IGOR BORISSOV
WALTER H BORLASE B ENG59
CARLO G BOS B A41 M D43
MARK M BOSS B SC(AGR)44 M D49
L BOSSE
MRS ALLEN PATERSON BOSWELL B A47
JOSEPH E BOUCHARD B COM52
MICHELE BOUCHER B ENG75
GEORGE G BOUKYDIS B COM44
BENOIT BOULANGER
JOSEPH E BOULDING M D53
GERALD BOURBONNIERE B SC47 M D49
F MUNROE BOURNE B A31 M D37
ROBERT H BOURNE B SC47 M D49
J ROBERT BOWEN M D45
RICHARD J F BOWIE B A60 B C L63
ALEXANDER BOWMAN D D S68
DON BOYANER M D51
MRS R L BOYCE B COM42
HARVEY CLARK BOYD M D38
EDWARD J BOYLE M D54
JOACHIM BRABANDER M D32

G E BRADFORD B SC(AGR)51
WESLEY H BRADLEY B C L37
MRS JAMES W BRADLEY B ED60
MARTIN A BRADLEY L L M62
ALFRED J BRAGOLI B SC51 M D53
WILLIAM E BRAISTED M D36
JOHN J BRAKE D D S50
E ARNOLD BRANCH M D20
KENNETH N R BRANDS B ENG40
REUBEN I BRASLOFF B ENG44
ROGER W BRASSEL M D64
MRS I B BRAVERMAN B A49 M S W52
JOHN R BRAYNE B ENG50
F MAURICE BREED M D40
ALBERT S BREGMAN
C R BRENCHLEY B COM23
EDWARD H BRENNAN B ENG50
O W BRESKI
ROLAND B BRETON B COM59
PETER R BRIANT B A70
MRS JAMES G BRIERLEY B A26 M A28
JOHN E C BRIERLEY B C L59
C IAN BROADBENT B ENG52
HYMAN B BROCK B ENG46
JAMES WILLIAM BRODE M D73
GEORGE N BRODERICK B A31 B C L34
JAMES H BRODEUR B ENG56
MRS WILLIAM A BROIDY DIP S W21
ROBERT D BROMLEY B COM55
VIVIAN E H BROOKS B SC50 M D54
FRANK S BROPHY B COM48
LEO BROSSARD M SC40
ROLAND B BROSSEAU B ENG36
ROSS BROUGHAM B COM49
NORMAN M BROWN B A37 M D40
REA A BROWN M D62 M SC66
* KENNETH H BROWN OBE B A29
BRYCE A BROWN M D18
C KIRKLAND BROWN B ENG56 P H D63
CLIFFORD F BROWN B COM37
MRS DOROTHY BROWN
EDWARD E BROWN B ENG32
GLENN RUSSELL BROWN B SC74
HUGH C BROWN B ENG36
LINDA J BROWN B ED66
NORMAN E BROWN B SC48 M SC52
WM T BROWN B SC51 P H D54
IRWIN BROWNS B A54
MRS IRWIN BROWNS B A59 M ED78
MICHAEL J BROWNSTEIN B COM70
MORTY BROWNSTEIN
PHILIP BROWNSTEIN B SC52 D D S56
DARRYL BRUCE B COM59
DOUGLAS M BRUCE M ENG66
ROBERT D BRUCE B SC(AGR)62
FERNAND BRULE DIP MGMT79
FRANCOIS BRULEY B ENG78
* DELMAR BRUNDAGE ENG35
ARTHUR A BRUNEAU B A47 B C L49
MRS ARTHUR A BRUNEAU B SC46
DAVID BRUNET B A50 M D52
RICHARD D BRUNNING M D59
JOHN P BRUNSWICK M D60
JOHN A BRYANT B SC49 M D51
MRS WM HAYDEN BRYANT B A39 B L S59
IRENE M BUCHAN B N63
EDWARD T BUCHANAN B SC(ENG)28
JOHN H BUDDEN B ENG37
HOWARD BUNGAY
G RAPLEY BUNTING B ENG56
FREDERICK S BURBIDGE
MRS JOHN BURLAND B SC(H EC)48
MIRIAM S BURLAND B A26
BARBARA M BURRY B ED77
L GRANT BURTON B ENG63
WILLIAM B BURWELL B SC49 M D53
RAOUL C BUSER B ENG59
MRS J E BUTLER B A34
JOHN W BUTLER B ENG60 M B A77
DUDLEY G BUTTERFIELD CMG B COM34
MRS DUDLEY G BUTTERFIELD B A35
H C BUTTERFIELD B A48
E MARY BUZZELL B N62
A RODDICK BYERS B SC32 P H D36
JOHN D CAGEORGE B SC35 M D44
WILLIAM P CAINE B ENG57
PHILIP R CALANCHINI M D56
FRANK CALDER B SC(ENG)30
THOMAS L CALDER M D53
DAVID M CALDWELL JR M D52
MRS W S CALDWELL B A27 DIP L S28
JOHN M CALHOUN P H D38
ROBERT B CALHOUN B A30 B C L33
DARRELL L CALKIN B SC(ENG)21
EILEEN S NASON CAMBON M D51
A H CAMERON M D19
ARCHIBALD F CAMERON D D S43
JOHN H CAMERON
MARGARET M CAMERON B A16
SHEILA M CAMERON B ED(P E)62
STEWART H CAMERON B A49 M D51
MRS ARTHUR G CAMPBELL B A38
CHRISTOPHER F CAMPBELL B SC(ENG)25
COLIN CAMPBELL M D53
CRAIG E CAMPBELL B SC71 M D75
DOUGLAS J CAMPBELL B ENG48
GEORGE D CAMPBELL B COM49
J ELLIOTT CAMPBELL B ENG42
ARTHUR HENRI CAMPEAU B C L66
GEORGE S D CANTLIE M D60
MRS BENJAMIN CAPLAN B A32
HARVEY CAPLAN B A43 M D44
JACOB H CAPLAN B ENG54
SAMUEL L CAPLAN B COM22 B C L28
MRS KIMON CARAGIANIS B ARCH51
M ARCH58
ANDREW B CARLSEN B SC60 M D65
GRANT M CARLYLE B COM34

JOHN B WOODS CARMICHAEL B A49
JOHN CARON M D52
M C CARON B ENG44
GEORGE S CARPENTER B COM52
LLOYD CARR-HARRIS B A51
DIANA ELIZABETH CARR B A72
C E CARSON B SC(ENG)22
ROBERT S CARSWELL B A60 B C L63
HENRY B CARTER B ENG45
MRS DONALD C CASE B COM39
CHARLES A CASEY B SC60 D D S62
PETER C CASEY B C L65
FRANK E CASHMAN B SC65 M D69
LOUIS CASSAR M D53
MRS ANNE SAUNDERS CASTLE B A79
* T CATTERILL B SC52 M D54
J CHARLES CATY B COM63
WILLIAM S CAVE B SC49 M D51
MRS E ELIZABETH CAWDRON B H S36
R DAVID CAYNE B A64 B C L68
OTTO M CEPELLA B ENG47
JOHN A CHADWICK M D65
JOHN T CHAFFEY M D64
PAULA GOOD CHAFFEY B SC60 M D64
MORTIMER CHAIKELSON B A64 B C L67
THOMAS W CHALLIS M D51
GORDON J CHALMERS B ENG47
ROBERT H CHALMERS M D41
WILLIAM M CHAMARD B COM35
ROSS E CHAMBERLAIN B ENG51
DIP MGMT63
MRS EGAN CHAMBERS B A47
JACQUES CHAMPAGNE
MIU C C CHAN B ENG71
SIEW FANG CHAN B SC(ARCH)70
HSIAO CHANG
HSIN-KANG CHANG
GERALD S CHARNESS B SC47
I J CHARNESS
JOHN S CHARTERS B SC43 M D44
W H CHASE B SC48 M D52
LESLIE R CHASMAR M D51
C STEPHEN CHEASLEY B A59 B C L62
GORDON L CHEESBROUGH B SC48
PHILIP N CHEIFETZ B SC56 M D60
CHAO-JEN CHEN M SC45
C BRANDON CHENAULT M D56
L PARKER CHESNEY B A38 M D40
LOUISE CHEVALIER B ENG74
DONALD L CHEW B SC66 M D70
MRS PATRICK J W CHIANG B SC65
SIMON W CHIASSON M D45
M CHRISTINE CHICOINE B COM65
DANIEL CYRIL CHIN D D S65
SIDNEY S CHIPMAN M D28
F H BRUCE CHISHOLM B ENG50
RAE CHITTICK NUR00
SYLVESTER S Y CHIU M D64 M SC65
LUC CHOINIERE
NURUL CHOUDHURY
R LOUIS CHRISTIE B ENG35
DAVID H K CHUI M D63
WILLIAM R K CHURCH M D68
F E CHURCHILL B ENG50
FORREST J C CIOPPA M D62
JOHN D CIPERA P H D54
GEORGE P CITROME B SC67 D D S72
MARVIN CLAMEN B SC48 M D52
ALAN G CLARK B A41
GEORGE W CLARK M D44
PETRONELLA CLARK B SC62
WILLIAM B CLARKE B ENG62
MARGOT E CLARKSON B S W48
ANDRE JACQUES CLAVEAU B SC70 M D74
JOHN B CLAXTON B C L50
ALAN W CLAYTON B COM66
EDWARD G CLEATHER B A51
MRS EDWARD G CLEATHER DIP P O T54
B SC(PO T)58
G RUTH CLELAND B N69
FRED CLEMAN B A49
YVES W CLERMONT P H D53
OTTO C CLEYN B ENG43
W GROSVENOR CLOUGH B ENG36
ROSS N CLOUSTON B SC49
STUART H COBBETT B A69 B C L72
JOHN M COCHRANE B SC66 D D S68
G ALAN COCKFIELD B ENG52 M B A78
K BRIAN COCKHILL M SC(APP)64
ERIC M COCKSHUTT B COM22
ANNE MARIE COEMAN
J EDWIN COFFEY M D52
JOHN F COGAN
HORACE R COHEN B A18
ALAN JORDAN COHEN B SC72
ARTHUR COHEN B A38 M D40
EDGAR H COHEN B A34
JACK COHEN B SC55 M D59
MONTAGUE COHEN
MORRIE M COHEN B COM60
RICHARD I COHEN
ROBERT HAROLD COHEN B A43 D D S44
WILLIAM COHEN B A29 M D33
EMILE J COLAS B C L49 M C L50
CHARLES W COLBY B ENG62 B C L65
JOHN H E COLBY B A39 B C L47
E WENDELL COLDWELL B A32 B C L35
DONALD L COLE B SC(AGR)55
JOHN B COLE B ENG63
WILLIAM R COLES B ENG51
F T COLLINS B C L24
MICHAEL J COLMAN B ENG57
LYNNE COLSON B SC75
GERALD E COMEAU B ENG59
SALVATORE J COMPAGNONE M D60
J P GERARD COMTOIS B ENG60
MRS CAROLYN FERSTMAN CONDE B A69
M L S74

*Deceased

DAVID A CONLIFFE B D56 S T M71
ROBERT FRED CONN B A74
JAMES E CONNOLLY D D S39
ALAIN CONTANT B A72 B C L75
CHRISTOPHER G COOK B ENG48
KENNETH H COOKE B SC69
HARRIET COOPER B A75
JAMES HAROLD COOPER B SC(AGR)38
JOHN I COOPER P H D38
ROBERT M COOPER M D49
ROSS M COOPER B ENG48 M ENG50
A ARTHUR COOPERBERG M D42 M SC49
DANIEL COORSH B A35
C V B CORBET B COM34
PERCY E CORBETT B A13 D C L61
ROQUE CORDOBA M ENG74
ROBERT E CORRIGAN B COM49
DOMINIC J COSTANTINI B ENG60
STEPHEN D COSTELLO B SC50 M D54
MICHEL COTE M D68
PIERRE COTE
PHOEBUS COTSAPAS
WILLIAM J COULDWELL M D50
RUSSELL A COULL B COM49
R J BLANCHE COULTIS M A49
LEO J COUSINEAU B ENG49
C FRANCOIS COUTURE B C L69
ROBERT A COUZIN B C L72
DAVID COWAN B A23
JOHN R COWANS B ENG64
MRS WILBUR E COWIE B SC50
GEORGE A COWLEY B A51
BETTY LOU COWPER B A35
GEORGE V COX B ENG56
GORDON COX B SC70
RICHARD S CRABBE P H D77
ROBERT E L CRAIG M D62
HARRY I CRAIMER B COM33
ROBERT H CREIGHTON P H D43
GORDON L CRELINSTEN B SC68 M D70
MICHAEL J CRIPTON D D S57
JOHN A CROCKER B COM65
JEREMY C CROGGON B COM60
LINCOLN W CROMWELL M D38
DOUGLAS H CROSS B ENG34
H MORREY CROSS B ENG43
DOUGLAS E CROWELL B A53 M D57
FRANCIS A CROWLEY D D S51
SYLVIA CRUESS
ROBERT W CRUICKSHANK B D70
GORDON H CRUTCHFIELD D D S38
ROBERT B CRUTCHFIELD B SC71 D D S75
CHARLES E CRUZE
THOMAS R CSORBA M SC62 P H D66
IAN L CUBITT B SC(AGR)62
HUGO CUEVAS B ENG53
ROBERT C CULLEY
MRS DAVID CULVER B SC47
RONALD K CUMMING B SC44 M D45
N EILEEN CUMMINGS
F PETER CUNDILL B COM60
ALAN S CUNNINGHAM B COM48
JOSEPH IRWIN CUNNINGHAM
RICHARD A CURRIE B SC46 M D48
MRS ERIC A CUSHING B A25
E A CYR
MICHAEL CYTRYNBAUM B A62 B C L65
STANLEY L CYTRYNBAUM B A59 B C L64
JACQUES DACCORD B ENG53
DIP MGMT61
GEORGE H DAGG D D S75
FENNER F DALLEY B COM38
WILLIAM R DALRYMPLE B ENG54
GERALD DANOVITCH
RAYMOND DAOUST B C L48
MRS KENNETH H DARLING B SC48
JAMES H DARRAGH M D48 M SC59
ROBERT J C DAVID D D S62
JOHN T DAVIDSON B SC64 M D68
J ROSS DAVIDSON M D29
PETER W DAVIDSON B A60 B C L63
PETER ROBERT DAVIES P H D79
MRS THOMAS R DAVIES B A30
MELVYN A DAVINE B SC67
JOHN F DAVIS M ENG49 M D50
MRS KYRA EMO DAVIS B SC53
ROBERT M DAVIS B ENG62
TERENCE DAVIS B A78
MRS HOWARD L DAWSON ARTS32
JOHN H DAWSON B A56 B C L59
JAMES H DAY M D59
THOMAS D DE BLOIS B A42
RAFAEL DE BOYRIE M D29
ARTHUR DE BREYNE B ENG49
MRS P DE COURCY-IRELAND M S W74
MARCELLE DE FREITAS B A43
LOUIS P DE GRANDPRE B C L38 L L D72
P MICHEL DE GRANDPRE B C L65
JEAN DE GUISE B ENG50
NAPOLEON DE LA FUENTE
DENNIS P DE MELTO M A63 P H D70
ARMAND L C DE MESTRAL B C L66
JOHN M DEALY
SIDNEY A V DEANS B SC39 P H D42
J DAVID DEJONG M D50
N V DELBEL M D43
ROBERT DEMERS B C L60
W ED DESBARATS B ENG56
A W Y DESBRISAY B SC(ENG)27
ROGER DESERRES B COM37
L PACIFIQUE DESJARDINS B ENG54
GILBERT G DESNOYERS B ENG55
MRS C A DESOER B SC52
ROLAND DESOURDY
MICHAEL FERNAND DESROCHERS B SC78
BENJAMIN G W DEW M D61
JAMES P DEWAR B SC36 M D39
E H DEWIS B SC(ENG)23

LEONARD B II RE B SC53
MRS JEAN DI.COVO
GENEROSA DAMOLA B ED77
STANLEY M IIAMOND B COM54
J CAMPBELL ICKISON B A38 M D40
G H W DICKSON B S A17
ROBERT W DICKSON
DONALD P DDELIUS M D62
PETER DIGBY
NEIDA Q DIMEO M D48
F DIMMOCK B S A23 M S A26
JOHN J DINAJ M D34
WILFRID DINWICK JR B A61
JOHN F C DIXON B SC42 P H D47
MICHAEL E DIXON M D60 M SC63
THOMAS JULIAN DIXON B ENG73
DOMINIK DLUHY SR
ANTHONY R DOBELL B SC49 M D51
J ARTHUR DOBSON M D49
JOHN W DOBSON B COM49
R NESBITT DOBSON B ENG35
VIRGINIA L DOBSON B A70
JOHN W DODDS B SC43 P H D49
CLEVELAND DODGE III B A71
CLEVELAND DODGE JR
LESLIE L DOELLE M ARCH64
LESLIE A DOGRELL B SC46
DANIEL DOHENY B A39 B C L47
EVERITT P DOLAN M D50
JOSEPH NORRIS DOMINGUE
D M DONALDSON B ENG41
ROBERT G DONALDSON D D S58
HAROLD G DONDENAZ B A48
G DONNAY
ELAINE DONNELLAN M D49
W GORDON DONNELLY B A39 B C L47
MRS RIDLEY DOOLITTLE B A43
H RUDOLF DORKEN B SC(ENG)18
WALTER R DORKEN B ENG33
KENNETH ROOT DOUGLAS M D56
MRS MONTEATH DOUGLAS B A36
M S W67
ROBERT J DOUGLAS B ENG50
VIRGINIA DOUGLAS
MRS PEARL H DOWNIE M S W65
* W J DOWNS M D34
JAMES J DOYLE B SC(AGR)49 M SC(AGR)50
LANEY A DOYLE B N69
BERNARD J DRABBLE B A45
GEORGE K DRAGONAS B COM66
THOMAS S DRAKE B ENG37
M C DRESSLER
FRANCES SEIYE DREW M D42
MRS LEONARD L DRUCKMAN DIP ED47
GORDON DRUKER B SC57
DENIS S DRUMMOND B A57 M D62
L ANNE DRURY B A42
ROBERT L DUBEAU
ROLAN DUBEAU
HARRY I DUBOW B SC54 M D58
GERALDINE A DUBRULE B SC(P E)57
W MOSSMAN DUBRULE B A27
CLAUDE A DUCKETT B ENG55
LOUIS DUDEK B A39
P ARTHUR DUFAYS B ENG63
CAMERON DUFF B ENG40
JAMES A DUFF
JAMES C DUFIELD B SC54
LOYOLA I DUFFY D D S37
* HUGH A G DUNCAN B A37 M D42
JOHN G DUNN B COM57
LEO J DUNN B SC49
TIMOTHY HDUNN B COM40
MRS W H S DUNN S W41
E AENID DUNTON B A47 M D49
JACQUES DUQUETTE
HENRY B DUROST M D50 DIP MED55
J J DUSSAULT B ENG47
R F DUSTON B ENG52
RICHARD S DUTTON M D63
JOHN J DYMENT B COM53
ALLYSON EADIE B N74
R KENNETH EADIE B SC42 B ENG47
* ROBERT S EADIE B SC(ENG)20 M SC22
* MRS ROBERT S EADIE B A17
ROBERT ALAN EAGLESON
ARTHUR P EARLE B ENG49
MRS NORA EARLE B N70
JOHN M EASON B COM23
DAVID G EASTMAN M D51
MRS MICHAEL EBERT B SC34 P H D38
EDMOND GEBERTS B SC60
JOHN D EBERTS B ENG62
LINDSAY F EBERTS B COM66
ARNOLD J ECHENBERG B COM57
MRS PHILLPPA ECKERT B COM49
PETER G EIGELL M D43 DIP MED50
ARCHIBALD M EDINGTON B SC33 M D36
RALPH S EIMISON D D S43
DE IRDRE N EDWARD
DOUGLAS EDWARDS B SC(AGR)52
FRANK J EDWARDS M D43
RUSSELL L EDWIN B SC50 M D54
NICHOLAS EHRENFELD D D S54
MARTIN EDINGER B SC51 D D S53
VICTOR EINAGEL
LAURENCEEKE
BRYAN A EKREN D D S63
DAVID DYMOND ELCOMBE B SC63 M D67
JOHN M ELDER B SC49 M D51
MAURICE JELDER B SC42 M D43
GARDNER SMITH ELDRIDGE B SC(ENG)11
MILTON ELIASOPH B ARCH32
ERIC H W ELKINGTON M D18
HOWARD ELLIOT B A22 M D29
BARTON S ELLIS B COM47
WILLIAM FELLIS B SC70
ARCHIBALD D ELLISON

LESLIE T ELLYETT B COM36
ASHTON EMERSON M D40
LAWRENCE W EMMERSON B SC(AGR)45
J VERNON EMORY B COM38
LESLIE H C EMSDEN M D52
WILLIAM K ENGEL M D55
NICHOLAS D ENGEL B COM48
STANLEY F ENGLISH B A57 B C L60
SEYMOUR EPSTEIN B ENG62
RONALD M ERLICK D D S70
WILLIAM ERRINGTON B COM50
G W ERSKINE SC33
ENRIQUE ESPINOSA
H MARTYN ESTALL B A30 M A31
RALPH H ESTEY B SC(AGR)51 P H D56
ROBERTO L ESTRADA B SC42 M D43
ALLEN ETCOVITCH B SC60 M SC(APP)63
CHARLES HOWARD EVANS JR M D37
JOHN EVDOKIAS B COM79
HARRY H EVERETT M D42
MRS HARRY H EVERETT ARTS42
MRS DOUGLAS MCL EWART B H S40
LEO M EWASEW M D56
CHARLES O FAIRBANK ENG27
HAROLD G F FAIRHEAD B A51
S W FAIRWEATHER B SC(ENG)16
WILLIAM K FALLS B SC35
HENRY F FANCY M D45
MICHAEL E FARLEY
J HUGH FAULKNER B A36
JEAN H FAUROT M A40
ANNA J FAUST DIP S W35
H ERIC FEIGELSON B A29
BARBARA R FELLOWS M D54
MRS D S FENSOM B MUS29
JOHN D FENWICK B SC56 D D S58
CHARLOTTE I FERENCZ B SC44 M D45
CHARLES A FERGUSON M D57
ELDON FERGUSON
JAMES B FERGUSON B ENG35
STEN E FERSING D D S66
MRS FRANK FIDLER DIP S W30 M A32
PEGGY ANNE FIELD B N64
MRS ROBERT A FINDLAY B A36
RONALD F FINDLAY B COM55
HARRY FINKELSTEIN B SC42 B COM44
MRS MARY FINLAY M L S72
M ALISON FINNEMORE B A46 B L S47
WM R FIRLOTTE B SC45 M SC(AGR)47
PHYLLIS FISCHER M D55
MORRIS J FISH B A59 B C L62
MAXWELL FITCH B SC38 M D43
JOHN J FLAHIVE M D48
MICHAEL E FLANDERS B SC66 M D70
GEORGE G FLATER B ENG50
IAN N FLEMING B COM47
MRS IAN N FLEMING B COM47
MORTON FLOM B ENG49
EDWARD FLOMEN
NICHOLAS J FODOR
JANOS FOLDVARI
WM HINN FONG B SC(ENG)28
J C FORBES P H D25
OTTO L FORCHHEIMER B SC47
ALASTAIR D FORDYCE B SC71
MAURICE A L FORGET B C L69
ROY FORSEY
J M FORSYTH
GEORGE L FORTIER B SC48 M D52
GUY FORTIN B SC72 B C L76
JEAN-GUY FORTIN M D72
LOUIS J FORTIN M D50
ROBERT A FORTUINE M D60
ERIC D FOSTER M D65 M SC71
BARBARA EVELYN FOWLER B ED72
G IAN FOWLER B COM64
ZELDA FOX
STEPHEN F FRANCIS B SC65 DIP MGMT71
LEOPOLD FRANCOEUR B COM49
FRANK L FRANI D D S59
GERALD FRANK B SC45
SAMUEL B FRANKLIN B COM23
A SCOTT FRASER B COM51
CLARICE B FRASER B A24
DAVID C FRASER B SC49 M D51
J RAMSEY FRASER B COM34
MURRAY J FRASER
OSWALD L K FRASER B SC(AGR)48
GERALD G FREED B C L62
ARTHUR N FREEDMAN M D55 M SC58
DANIEL FREEDMAN
MRS SAMUEL O FREEDMAN B A52 M A55
JAMES H FREEMAN M D59
DONALD H FREEMAN M D59
MARY C FREEMAN B H S41
DONALD H FRENCH B SC54
GEORGE P FRENCH D D S52
RICHARD D FRENCH
A O FRENKEL
SAUL FRENKIEL B SC67 M D71
DR CONSTANCE FRIEDMAN B SC41
P H D48
HERBERT DAVID FRIEDMAN B COM44
JERRY J FRIEDMAN B COM53
PHILIP FRIEDMAN B COM58
SYDNEY FRIEDMAN M D40 P H D46
MRS THEODORE W FRIEND III B A55
MADELEINE A FRITZ B A19
HEINRICH FUERST DIP MED59
TAK FUJIMAGARI B SC52 M D56
JOHN A FULLER B COM50
DOUGLAS H FULLERTON B COM39
M COM40
MRS FRASER F FULTON B H S27
DANIEL FUNDERBURK M D56
ROBERT H P FUNG M D60
THOMAS G FYSHE B A31 M D36
E PETER GABOR M D59 M SC64

MRS HELENE GAGNE B C L71
ALBERTO GALEANO B ENG75
CLARENCE A GALL B SC68 P H D74
HENRY GALLER
A HARRY GALLEY B COM24
JOHN H GALLOWAY B A60
MRS T M GALT B A42
FRED GAMBLE B ENG34
JOSEPH M GANNON M D35
NATHAN GANS B ENG45
MRS U PAUL F GAREAU B SC50
ABRAHAM L GARELLEK D D S61
MARGARET I GARLICK B SC35
MICHAEL L GARMAISE B A60 B C L63
MRS EDITH-ANN GARNEAU
LEVON K GARRON M D36
JAMES P GASTON M D58
GERALD J GAUDET B ARCH53
MRS R H GAULT B SC(PO T)54
W H GAUVIN B ENG41 P H D45
YOUSSEF GEADAH B ENG71
W W GEAR
DURWARD BELMONT GEFFKEN
BRAHM M GELFAND B A57 B C L60
MORRIE M GELFAND B SC45 M D50
FRED H GENESEE M A70 P H D74
GUY GERIN-LAJOIE B ARCH56
LYNN B GEROW M D67
FRED G GHANTOUS B COM54
JULIAN F GIACOMELLI B SC63 D D S65
GUIDO GIANFRANCESCHI M D48
ROBERTSON M GIBB B ENG40
ROBERT E GIBBONS D D S63
FRANK M GIBSON B COM40
MRS FRANK M GIBSON B A39
MIRIAM L GIBSON CERT NUR27
ROBERT H GIBSON B A66
MRS MAX GIDEONSE B A30
EDWARD J GILBERT B ENG50
GORDON L GILBERT M D37
JOAN C GILCHRIST B A37 B C L48
EDWIN G GILES JR B SC(AGR)66
EVAN W T GILL B SC(ENG)25
MARY LEE GILL B SC(F SC)73
ROBERT J GILL B ENG48 DIP MGMT65
R HAMPSON GILLEAN B SC(ARTS)28
KATE M GILLESPIE B A21
THOMAS S GILLESPIE B A59 B C L63
PETER G GILLETT M D63
* JAMES A GILLIANS B COM48
LUCIUS GILMAN P H D36
DOUGLAS W GILMOUR B A40
SAMUEL A GITTERMAN B ARCH35
ALEX GLASSMAN B ENG46
ROBERT B GLEDHILL
MRS ALEXANDER F GLEN DIP P E26
RAYMOND GLENN B A76
HARRY GLICK B SC58 M D62
IRWIN GLICKMAN M SC45 M D49
MME JUSTICE CONSTANCE R GLUBE B A52
P E GNAEDINGER ENG22
CARLETON N GODDARD B SC49
RICHARD O GODE M D60
ELLIOT GODEL B COM50
MORRIS GODEL B SC54
* JOHN E GODFREY B SC(ENG)30
F H GODIN B ENG47
ROBERT P GODIN B C L62
MORTON R GODINE B A38 M A39
SAMUEL GODINSKY ESQ B A27 B C L30
JOHN PHILIP GOFTON M D50
THOMAS H GOLBERG B SC64
ALAN B GOLD
ALLEN GOLD M D42 M SC48
MRS JOHN M GOLD B N68
SAMUEL GOLD B A29 M A31
SIMON GOLD M D40 M SC45
NORMAN J GOLDBERG B SC55 M D59
VICTOR C GOLDBLOOM B SC44 M D45
ALAN Z GOLDEN B C L62
H CARL GOLDENBERG B C L32 L L D66
EDWARD S GOLDENBERG M A71 B C L74
MRS H CARL GOLDENBERG B A44 M A66
PHYLLIS JUKIER GOLDFINGER B SC72
M D74
ROBERT W GOLDIE B ENG51
LEWIS H GOLDMAN B A62
MARVIN GOLDSMITH B COM55
MRS CHARLES H GOLDSTEIN DIP S W30
NORMAN JOSEPH GOLDSTEIN B SC75
YOINE J GOLDSTEIN B A55 B C L58
MARY GOLUBEVA B S W50 M S W53
JOHN H GOMERY B A53 B C L56
R GRAYDON W GOODALL M D53 M SC56
R C JEFFREY GOODE B ENG33 M ENG34
MRS JEAN E GOODERHAM B A33
LAWRENCE GOODFRIEND B SC44 P H D61
MRS MORTIMER GOODMAN B A32 M A35
MARTIN B GOODWIN M D48
NORMAN LUSBY GOODWIN M D47
DR NAOMI S GOODZ B A63 P H D77
ALAN GORDON
MRS DONALD GORDON B A43
HAROLD P GORDON B COM58 B C L64
NEWTON C GORDON B SC66 D D S70
WILLIAM GOSSAGE B A49 M D53
COLETTE L GOSSELIN B ED59
CARY H GOTA M D70
LYNN GOTH
KURT GOTTFRIED B ENG51 M SC53
MRS KURT GOTTFRIED B A55
MS LAURIE NAOMI GOTTLIEB B N69
M SC(APP)74
JACQUES R GOUDREAU B ENG51
DAVID H GOULD B A54 M D58
FRANKLIN M GOULD M D52
IAN G GRAFTON B SC49 M D53
FRANK A GRAINGER M D43 DIP MED57

*Deceased

ROGER G GRANDGUILLOT B ENG60
WILLIAM J GRANT B ENG40
MRS WILLIAM J GRANT B A44
COLIN A GRAVENOR JR B A64 B C L67
R H GRAVES D D S43
E D GRAY-DONALD B SC(ENG)26
JOHN H GRAY B ENG52
THOMAS H GRAY B ENG60
ALEX S GRAYDON B A37 B C L49
E MORTIMER GREAVES B A20
GORDON K GREAVES B A42
VLADIMIR GREBENSCHIKOV
DANTE P R GRECO M D65
MICHAEL JOHN GREEN B ENG62
MORRIS GREENBAUM B ARCH60
MRS D J GREENE B L S48
SAUL GREENFIELD B COM48
FRED A GREENWOOD B SC50 M D54
DONALD F GREER B COM57
JACK GREGORY B ENG34
G A GRIMSON B COM25
SIMPSON V GRISDALE B ENG36
ARNOLD J GROLEAU B SC(ENG)28
PHILIP N GROSS B SC(ENG)26
HARVEY GROSSMAN B A51
KNUT GROTTEROD B ENG49
DAVID GROVER
MRS MAURICE W GROVES B A30 M A35
DR NAOMI JACKSON GROVES B A33 M A35
ERNEST H GRUBB M D48
IRVING GRUNDMAN
NERI P GUADAGNI B A38 M D42
ROBERT D GUALTIERI B A57
G RICHARD GUERETTE B COM54
W B GUIHAN B ARCH52
GEORGE C GUILLON B SC68
YVES J GUISAN M SC71
ALFRED A GUNKEL P H D73
CHARLES S GURD B SC38
MRS DAVID S GURD B A33
FRASER N GURD B A34 M D39
WILLIAM BRUCE GUSSOW B SC69 D D S74
DAVID G GUTHRIE B SC43 M D44
JEAN M GWYNNE B A27
ALFRED H D HAIBLEN B ENG46
SAUL HAICHIN
JOHN F HALDIMAND B COM47
MRS A F HALE B A21 P H D35
JOHN H HALE
JOHN E HALL M D52
GEORGE W HALL B C L37
C DENIS HALL B ENG60
MRS GEORGE C HALLIDAY B A26
KENNETH HALLSWORTH B SC36
EARL S HALTRECHT B SC67 D D S69
THOMAS M HAMBLIN B ENG65 M ENG74
WILLIAM M HAMILTON B COM47
DAVID IAN HAMMOND M D72
GRAEME L HAMMOND M D62
MRS GRAEME L HAMMOND B A57
JOHN ELIOT HANCOCK M ARCH78
MRS EDMUND A HANKIN B A34 DIP P E35
ALLEN J HANLEY B ENG51
MRS HELEN BUDD HANNA M A75
MRS JOAN HANNA B A35 M ED72
BARBARA HANNACH M D78
MATTHEW S HANNON B C L50
DEREK A HANSON B A54 B C L57
A GEORGE HANSON M D35
PAUL P HARASIMOWICZ D D S61
JOHN E HARBERT B ENG60
MICHAEL B HARDING B ENG54
MRS DONALD HARE B SC52
M J HARKINS M D32
MRS THOS HARKNESS B A14 M SC16
MRS MARGARET HARMAN M SC(AGR)51
PATRICIA M HARNEY B SC(AGR)50 P H D63
C GORDON HARRIS B ENG50
DONALD G HARRIS M D55
JOHN G HARRIS B ENG71
MRS MELANIE HARRIS B A72 M L S76
ROBERT P HARRISON B COM35
ROBERT WM HARRISON
CHARLES M HART B SC65
GEORGE G HART B SC39 M D41
RICHARD M HART B A65
WILBUR J HART B A34 B ARCH40
J WARREN HARTHORNE M D57
E FRED HARTWICK B ENG38
DONALD F HARVEY M D60
ROBERT F HARVEY D D S41
JEAN E HARVIE B A35 M A36
RONALD T HARVIE B A63
T A HARVIE B ENG41
ROBERT K HARWOOD ENG48
JAMES S HASEGAWA B SC56 D D S58
MICHAEL A HASLEY B A62
H CLIFFORD HATCH JR B A63
LLOYD S HAWBOLDT B SC(AGR)38 M SC(AGR)46
ROMA Z HAWIRKO M SC49 P H D51
WILLIAM DREW HAY B S A20
HAMILTON R HAYES M D66
WILLIAM HAYS M D64
MRS GEORGE HAYTHORNE B A33
CHARLES G HAYWARD B ENG51
R E HEARTZ B SC(ENG)17
E SHELDON HEATH B SC53 M D57
MRS L B HEATH B COM51
LILY HECHTMAN B SC63 M D67
ROY C HEDBERG B ENG67
ROY M L HEENAN B A57 B C L60
JAMES L HEFFERNAN M D51
MELVYN HEFT B COM53 D D S60
STEPHEN J HELLE B SC52 M D56
BRIAN HELLER B C L75 L L B78
JOHN G HELLSTROM B SC50 M D54
KLAS ERIC G HELLSTROM B ENG45
MYER HENDELMAN B A38 M D40
DOUGLAS G HENDERSON B SC(AGR)42
IAN GORDON HENDERSON B SC(ENG)26
MRS IAN W D HENDERSON B N61 M SC(APP)67
JOHN M HENDERSON B SC40
ROWLAND E HENDERSON B A33 M D38
JOHN F HENNESSEY M D53
ROSS A HENNIGAR B SC(AGR)51
GEORGE L HENTHORN B COM49
MOSES HERMAN
ARNOLD JOHN HERON
E MELVYN HERSHENFIELD B SC63 D D S65
KENNETH L HERSHENFIELD B SC70 D D S72
HYMAN P HERSHMAN B ENG45
C W HERTEN-GREAVEN B SC65 D D S70
MRS HAROLD G HESLER B COM27
MATTHEW L HESS B ENG64
STEPHEN S HESSIAN B ENG57
C F G HEWARD
E PETER HEYBROEK B COM46
PAUL HEYMAN
MRS PAUL HEYMAN B SC49 M P S51
A R HICKS M D43
* ARTHUR J HICKS B S A27 M SC(AGR)31
BEN CHURCH HICKS B SC(ENG)27
CAROLINE B HICKS B A37 B L S38
RAYMOND F HIGGINS M D37
HOWARD A HIGGINSON B COM49
LUCIUS T HILL JR M D58
ALLAN C HILL M SC27 P H D29
OLIVE MARY HILL B A31 M A33
SARA W HILL B A25
W H PHILIP HILL B A30 M D34
JAMES H B HILTON M D38
JOHN HILTON
E J HINCHEY M SC63
ROBERT P HINDS M SC(AGR)71 M B A79
JAMES TOI HING D D S55
WILLIAM P HINGSTON B A67
LUCIEN HIRSCH M D35
ALEXANDER S HLEDIN D D S67
LOUIS C HO B ENG61
DAVID H HOBBS B ENG39
* J FRED HOCKEY B S A21
WALTER HODDER B SC48
BERNARD G HODGE B SC(AGR)50
GEORGE R HODGSON ENG16
RICHARD C HODGSON B SC55 M SC56
MRS MORTON HOFFMAN
MARY HELENE HOGAN
MRS RICHARD HOGARTH B L S56
WILLIAM A HOGG P H D59
JOHN R HOGLE M D33
GEORGE H HOLLAND B COM49
DAVID STANLEY HOLLETT M D77
HARVEY HOLLINGER M D52 M SC58
REGINALD HOLLIS B D56
RICKY D HOLMBERG
ROBERT W HOLMES B ENG41
STANLEY W HOLMES B SC49 M SC50
DONALD E HOLNESS B SC(AGR)61 M SC(AGR)63
LYNDON G HOOKER B SC(AGR)59
WILLIAM TEMPLE HOOPER B SC44 M D45
DOUGLAS H HORNER B SC50
GEORGE F HOROWITZ
ISADORE HOROWITZ M D62 M SC71
W GRANT HORSEY B COM38
JAMES F HORWOOD M SC33 P H D35
ROBERT T HORWOOD B SC63
JOHN R HOUGHTON B ENG35
KENNETH S HOWARD B A46 B C L49
GORDON T HOWARD B COM36
R PALMER HOWARD M D37 M SC47
HERVEY L HOWE B ENG50
JAMES R HOWEY B SC49 M D51
JOHN HOWIE M D27
R E HOWIE B ENG44
PETER A HOWLAND M D61
PETER A HOWLETT B C L66
EDUARD HOYER B ENG67
KENNETH S HOYLE B ENG47
ALEX S HRYCAY B ENG64
ANDREW K HUGESSEN B ENG49
JAMES M HUGHES B COM62
WILLIAM J HULBIG B A35 B C L38
WILLIAM D HULME B ARCH68
W G MACKENZIE HUME M D49
JOHN P HUMPHREY B C L29 P H D45
W S HUNT B ENG36
A W S HUNTER B S A32 P H D37
C GRANT HUNTER B COM60 B A62
GERALD F H HUNTER B A30 M A46
HAROLD HURDLE
ALFRED M HURTER B ENG46
PETER W HUTCHINS B A66
A ROBERT HUTCHINSON M D65
JULIEN R HUTCHINSON B COM51
MRS GEORGE HUTCHISON B COM24
IAN E HUTCHISON B A50 M D54
W LESLIE HUTCHISON B ENG34
WILLIAM G HUTCHISON B ENG62
LINDA C HUTTON B SC63 M D68
MRS M VERONICA HUVELLE B SC66
YAN-TUNG HWA
PILL J HWANG D D S69 DIP DENT70
A STUART HYNDMAN B A48 B C L52
RENALDO IADELUCA
J WILLIAM IBBOTT M D54
GEORGE W ILOTT B ENG50
J FLOYD INNES B A25
MRS W DOUGLAS INNES B A40
JOHN M IONSON B SC(AGR)67 M SC(AGR)69
JOHN G IRELAND B A48
GEOFFREY H ISAAC B SC51 M D55
MRS ROSS ISAACS B A50 B C L54
MAHER A ISHAK B ENG69
MORTON P ISRAEL B SC65 M D69
MRS SYLVIA IVANSKI
JAMES E IVERSEN B A49 M A51
MRS JAMES E IVERSEN B A49
LAWRENCE D A JACKSON B ENG53
MRS MARY E JACKSON B ED63 M ED69
WILLIAM BRUCE JACKSON
ALVIN B JACOBS B A41 B C L44
EDWARD N JACOBS COM32
SIMON JACOBSON B SC64 D D S66
KENNETH F JAMIESON M D49
RICHARD B JAMIESON M D42
MRS HUGH M JARDINE DIP H EC21
RUDY V JAVOSKY B ARCH62
GUSTAVE JAWORSKI
D BRUCE JEFFREY B ENG48
JOHN W JENKINS ARTS27
LLOYD H JENKINS M A30
MRS BARTON P JENKS III B A48
MONA L JENTO B SC(AGR)48
MRS JOSEPH JETTER B H S38
GEORGE E JOHNSON JR M D74
C TALBOT G JOHNSON B A41
CHARLES JOHNSON B ENG56
H DAVID JOHNSON B ENG49 DIP MGMT69
H DESMOND JOHNSON B SC58 M D60
J PETER JOHNSON B COM54
K ALLAN JOHNSON B COM74
L ERLE JOHNSON B SC(ENG)17
LOUIS G JOHNSON B SC35 M D39
MRS PETER R JOHNSON B A63
N D JOHNSTON JR B COM47
C DOUGLAS JOHNSTON B A31
ALBERT C JOHNSTON M D53
CHARLES F JOHNSTON B A40 M A42
GORDON M JOHNSTON D D S52
* H LLOYD JOHNSTON B SC(ENG)27
MRS L J JOHNSTON B N65
ROBERT VICTOR JOHNSTON B SC71 M D76
WILFRED J JOHNSTON D D S38
DR ROSE JOHNSTONE B SC50 P H D53
VINCENT M JOLIVET B ENG52
GEORGE W JOLY B ENG49 M ENG50
JOHN J JONAS B ENG54
LESLIE K JONAS B SC56
HUGH A JONES B COM51
WILLIAM M JONES B SC52 M D54
STEVEN L JOO
GUY E JORON M D41
A HUGH JOSEPH B SC(ARTS)20
JOSEPH LEWIS JOSPE B A72
GEORGE B JOST B ENG32
CLAUDE JOUBERT B COM76
PIERRE J JUTRAS B SC(AGR)51
JOAN E KABAYAMA B A50 M A58
MANUEL E KADISH B SC48
ROBERT S KADOWAKI B SC57 D D S63
DAVID S KAHN
NORMAN KALANT P H D54
REDMOND J KANE B ENG41
SALIM HUSSEIN KANJI B SC79
SAUL KAPLAN
RONALD KAPUSTA B A56 M D60
MRS NOEL KARASIN B SC64
* GORDON M KARN M D43 M SC49
MRS GORDON M KARN B SC(H EC)45
RICHARD KARPER B ENG66
SIDNEY KASMAN P H D55
YUTAKA KATO M SC64 P H D65
ELI I KATZ M D38
HYMAN NELSON KATZ
ISAAC M KATZ B SC64 D D S70
MYER KATZ B S W50 M S W51
MAX S KAUFMAN B A31 B C L34
MICHAEL ANGUS KAZAKOFF B SC70 M D74
MRS J C KEANEY DIP P E21
WILLIAM J KEEFE M D18
RALPH G KEEFER B COM40
RALPH GARDNER KEEFER B C L80 L L B80
MRS PATRICK J KEENAN B A54
MARION A KEITH B A28
ANDREW KELEN M D43 M SC48
MARIAN G KELEN B SC42 M D45
ARTHUR KELLNOR M D28
GORDON P KELLY D D S22
JAMES F KELLY B SC(ENG)23
SHARRON M KELLY B SC66
F DEAN KEMPER M D47
JOSEPH G KENNA B COM42
E BRUCE KENNEDY B ENG70 D D S74
S MICHAEL KENNEDY D D S68
STEVEN F KENNERKNECHT B ENG80
JAMES C KENRICK D D S58
LEONARD E KENT JR B SC53 D D S55
K COLIN KENT B ENG50 DIP MGMT59
ALBERT A KENWOOD B ENG49
JOHN KENYON P H D62
STEWART L KERBY B ENG57
MERVYN H KERMAN B COM52
W A KETCHEN B SC(ENG)28
JOSEPH GERARD KEYES
NATHAN KEYFITZ B SC34
PETER KILBURN
F R KILLAM B ENG37
FREDERICK M KILLAM B ENG41
RALPH J KIMMERLY B A46 M D50
GEORGE H KING B ENG56
JACOB H KING M D38
LLOYD S KING
MARGARET M KING B A51
DAVID T KINGSTON M D41
DANIEL KINGSTONE B A53 B C L56
DONALD L KINLEY M D64
DOUGLAS G KINNEAR B SC48 M D52
JOHN S KIRKALDY P H D53
C KIRKLAND-CASGRAIN B A47 B C L50
VIVIAN B KIRKPATRICK B N52
STEPHEN D KISBER B COM62
JANE KITZ B SC53 M D57
JACK M KIVENKO B COM61
STANLEY I KIVENKO B COM63
STEVEN KLEINER B A62 B C L66
B KLEKER M D29
OTTO KLINEBERG M D25 D SC69
ERIC J KLINKHOFF B A72
SCOTT F KNEELAND B SC(AGR)37
ALLAN KNIGHT B SC46 M D50
LAWRENCE KNIGHT B SC63 M D67
A F KNOWLES
DAVID C KNOWLES B A55 M A57
P RUSSELL KNUBLEY B COM51
DAVID K KOBAYAKAWA B SC66
ALLAN N KOHL B ENG68 M B A78
MRS E LEO KOLBER B A55
GERALD M KONANEC D D S65
PIOTR KOPCZYNSKI
HENRY KORMAN B SC44 M D48
MORTON KORN M D61
JERRY J KOSTANDOFF D D S68
CARL R KOSTOL M D51
MICHAEL KOVALIK M D48
WALTER KOWAL B A49 D D S55
HAROLD A KOZINN M D55
SOLOMON M KOZOL D D S37
FREDERICK KRAENZEL P H D76
CECIL KRAKOWER B SC(ARTS)28 M D32
DONALD R KRAMER B SC61 D D S63
RONALD M KRASNICK B SC65 M D69
MRS RONALD M KRASNICK B SC(N)70
STEPHEN M KRASNOW B COM68
MICHAEL O KRAUS B COM70
HENRY KRAVITZ B A47 M D49
FRANKLIN P KRUG
GENE H KRUGER
FRANK KRUZICH B ENG63 M ENG67
STANLEY J KUBINA B ENG48 P H D73
KALMAN C KUNIN B SC41 M D43
R G KURANOFF
MRS NICHOLAS P KWOK M ED72
NORMAN N KWONG M D62
PAUL L'ANGLAIS LAW31
GUNNAR LAATUNEN B COM53
GERALD L M LACHAPELLE B COM48
A RICHARD LACHOWICZ D D S62
DAVID M LACK B A29 B C L32
ARTHUR LACOURSIERE B ARCH36
CLAUDE LACROIX
HUBERT LACROIX B C L76
J KEHINDE LADIPO B SC(AGR)69
MICHAEL A LAFFIN D D S51
LOUIS J LAFLAMME B ENG47
MIRIAM S LAFLEUR B SC59 P H D66
CHARLES S LAFONTAINE B COM52
GORDON LESLIE LAIDLAW B COM23
PETER M LAING B A35
JOHN A LAING B COM33
MRS JACQUES LAKS B S W51 M S W54
ADALBERT G LALLIER B A58
ANTHONY K S LAM B SC60 M D62
ALEX K C LAM B ARCH67
ROBERT LAMARCHE
WILLIAM T LAMBERT B ENG50
VITA J LAND B SC61 M D65
ERIC P LANDE M A72 P H D78
HAROLD B LANDE M A30 B C L33
LAWRENCE LANDE B A28 D LITT69
PETER LANDRY B ENG48 M SC62
BEN LANDS
G LOUIS LANFRANCHI B COM49
NICKI H LANG B SC60
NORMAN E LANG B ENG51
MAURICE LANGLOIS B C L43
FLOYD C LANTZ B SC(ENG)21
LEO CONRAD LAPORTE B SC(ENG)28
RICHARD J LARKEY M D57
MRS FREDERICK G LARKIN B L S35
PAUL LAROSE MBE B SC(ENG)20 P H D25
CHARLES P LARSON M D71
CHARLES P LARSON M D36
ERIC A LARYEA
EDGAR L LASSETTER M D48
GEORGE LATIMER B COM53
SOLLY S LAWI B COM67
ARNOLD A LAWLESS B ENG57
DONALD G M LAWRENCE M D57
JOHN H A LAWRENCE M D50
H WYATT LAWS M D40 B A40
RAY E LAWSON B SC62 B C L65
VERNON L LAWSON B SC41
G E LE DAIN B C L49
JOHN G LE MOINE B A28 B C L35
RAYMOND D LE MOYNE B A56
* HARRY W LEA B SC(ENG)31
C W LEACH
RALPH S LEAVITT
SYDNEY R LEAVITT B ENG54
GERARD LEBEAU
MAURICE A LEBLANC B ENG60
ROBERT LEBLOND B ARCH68
TED J LEBOVICS B C L68
EDWARD LECLAIR
WILBROD LECLERC P H D64
ARTHUR LEE
SIDNEY LEE
GEORGE T G LEFEBVRE B A41 M D44
JACQUES LEFEBVRE
ROBIN C LEFEBVRE B C L72
J HANCE LEGERE B ENG50 DIP MGMT55

*Deceased

MRS ROBERT C LEGGE B A51
STEVE LEGLER
CHARLES L LEGROW M D34
GEOFFREY W LEHMAN B A49 M D53
HEINZ EDGAR LEHMANN
PIERRE M LEMAY M D56
IAN LEMCO B ENG47
J ROSS LEMESURIER B A47
RAYMOND GUY LEMIEUX
FRANCINE LEMIRE M D76
ROY E LEMOYNE B ARCH51
ROBERT H LENNOX B SC41 M D43
JAMES LESLIE B ENG48
JOHN K LESLIE B ENG49
ROBERT A LESLIE B ENG52
PHILIPPE LETTE B C L68
RAYMOND LETTE
ALBERT KAM-YING LEUNG B SC59 M D63
YUK LUN LEUNG
D CLIFTON LEVIN DIP MED58
ROBERT M LEVINE B SC40 M D42
SEYMOUR LEVINE B ENG47 M ENG50
W ZAVIE LEVINE B A67 B C L70
EDWARD D LEVINSON B SC49 M D53
MARTIN K LEVINSON B COM30
BENJAMIN A LEVITAN M D44 M SC48
MICHAEL N LEVITT B A54 M D58
MORRIS M LEVITT B ENG57
ROBERT L LEWANDOWSKI M D69
RONALD T LEWIS M SC70
A BENTON LEWIS B COM55
HERBERT M LEWIS B COM55
JOHN B LEWIS B SC49 P H D54
JOHN F LEWIS B COM36
JOHN M LEWIS B A49
REUBEN R LEWIS B SC32 M D37
MING-WAH LI B SC64 D D S69
CHUNG-LON LIAO M ENG80
JOHN L LIBERMAN M SC50 B C L53
ALICE M S LIGHTHALL ARTS13
J C LIKELY M D43
JOHN B LILLIE B SC57 M D61
WALTER H LIND B A37
ALAN C LINDSAY B A54
C GORDON LINDSAY B ENG48
DANIEL LING M SC66 P H D68
DONALD M LINKLATER D D S53
JOSEPH S LIPES B ENG51
MRS J STEPHEN LIPPER B A62 M S W70
J GRAHAM LITTLE B SC50 M D54
GERALD LITZKY B SC52
CARL H LJUNGBERG B ENG62
EDWARD LLEWELLYN-THOMAS M D55
KATHLEEN E LLOYD B A30 M D36
WALTER LLOYD-SMITH B SC42 M D43
LEWIS E LLOYD B SC(AGR)48 P H D52
JAN LOBELLE
J E ROWLAND LOCKHART B COM50
C K LOCKWOOD B ENG34 B ENG35
MRS HELGA T LOEVINSOHN B A67
PETER MARTIN LONGCROFT
J DONALD LONGLEY M D52 M SC57
JULIE LORANGER B C L59
GUY S LORDLY B SC(ENG)21
DARIO LORENZETTI B SC58 M D60
MRS PATRICIA LORSCH B A60
JOHN LOUGH B SC55 M D57
G DONALD LOVE B ENG50
SAL J LOVECCHIO B COM67 B C L70
MICHAEL A LOVEGROVE M D75
RUTH M LOW B A30
DOUGLAS W LOWRIE B ENG49
IRA K LOWRY D D S25
FREDERICK H LOWY B A55 M D59
ISADORE LUBIN D D S43
GLENN RAYMOND LUCAS M B A77
VICTOR K S LUI B SC67 M D71
F FORD LUK B SC67 M D71
MARTHA K LUKAS
FREDERICK W LUNDELL M D51
DIP MED56
JOHN R LUNDON B A55
• EMILE JOHN LUTFY B COM45
MICHAEL LUTFY
WILLIAM H LYLE M D53
SYDNEY I LYMAN B A41
W FRANK S LYMAN B A39
HAROLD LYNGE M D49
CHRISTOPHER LYPACZEWSKI B ENG77
FREDERICK A LYPCHUK B COM48
ANDREW LYPEN B SC74
W DONALD MACAULAY M D57
EVAN A MACCALLUM
HENRY M MACCONNELL B SC(AGR)57
M SC(AGR)75
LYNDEN E MACDERMID M D24
W A MACDONALD B A48
GORDON S MACDONALD B ARCH35
HARRY A MACDONALD B SC(AGR)37
J B MACDONALD M D37
MRS J D S MACDONALD B SC(H EC)50
MALCOLM H MACDONALD M D51
NEIL MACDONALD B COM51
JOHN A MACDONELL M D49
JOHN E MACDONELL M D48
MRS D J MACDONNELL B SC36
J T MACDOUGALL M D37
GEORGE MACDOUGALL D D S45
KENNETH A MACEACHERN D D S52 •
PATRICK D MACFADDEN B A66
JOHN K MACFARLANE M D63 M SC66
BONNY A M MACFARLANE B SC68 M D72
MRS JOHN K MACFARLANE B COM61
MRS MARGARET MACFARLANE
NORMAN F MACFARLANE B ENG49
MRS O D MACGREGOR B A25
JOHN MACHADO B SC77
JOHN E MACKAY M D54
R DE WOLFE MACKAY M A29 B C L32
GERALD D MACKAY B ENG52
MRS HUGH MACKAY B A20
IAN N MACKAY B ENG35
PETER A MACKAY M D63 M SC67
MRS SHEILA MACKAY B A53 M S W55
JAMES C MACKELLAR B ENG51
CONRAD MACKENZIE M D49
DONALD E MACKENZIE B C L51
DONALD W S MACKENZIE B COM48
FLORENCE I MACKENZIE B N58
M SC(APP)68
JAMES R MACKENZIE B SC54 M D59
MRS JOHN P S MACKENZIE B A49
JOHN MACKENZIE
MAXWELL W MACKENZIE B COM28
L L D73
MRS MAXWELL W MACKENZIE B A27
ARTHUR G MACKEY B SC(AGR)45 M D52
JOHN C MACKIMMIE B SC50 M D52
MRS JAMES I MACLAREN B A30 B L S32
LORN MACLAREN B SC(ENG)28
STEWART M MACLAURIN B ENG51
MRS ABIGAIL MACLEAN B A71
MRS BASIL MACLEAN
ELEANOR A MACLEAN B SC67 M L S69
ANNE-MARIE MACLELLAN B SC72 M D77
MRS R J MACLENNAN B SC(H EC)62
JAS G MACLEOD B ENG44
JOHN C F MACLEOD B ENG47
K C MACLURE B SC34 P H D52
FRANCIS A MACMILLAN M D42
JOHN A MACMILLAN M D33
CHARLES C MACMILLAN B SC52 M D54
DUNCAN R MACMILLAN B SC53 M D55
J FRASER MACMILLAN B A40
KEITH A MACMILLAN B SC(AGR)66
M SC(AGR)68
ERIC A MACNAUGHTON M D26
ANNE E MACNAUGHTON B A32
DAVID MACNAUGHTON B SC59
CECIL F MACNEIL B ENG47
D FRASER MACORQUODALE B A34
B C L37
MRS W F S MACRAE B A34
J ARTHUR MADILL B COM42
YVES R MAHEU B ENG53
JOHN H MAHON B SC(AGR)48 P H D53
PAUL K MAIER
ROLF MAIJER D D S71
CHARLES MALDOFF
HOWARD MALLEK M D37
JOSEPHINE MALLEK M D36 M SC37
JACQUES MALLET B COM41
GEORGE E MALONE B ENG62 M B A70
A H MALOUF B A38 B C L41
PHILIP M MALOUF B ENG35
CHRIS MAMEN B ENG41
ROMAN MANGEL B SC59 M D63
ALAN M MANN M D49 DIP MED54
ELI MANOS
JOHN N MAPPIN B COM50 M A68
MRS LOTTE MARCUS M S W55 DIP S W64
MOSES MARGOLICK B A31 M D35
BREEN N MARIEN M D49 M SC52
MURRAY E MARKANEN B ENG57
OSWALD S MARKHAM B A30
WALTER MARKHAM B COM35
• GEORGE C MARLER B C L22 L L D65
M R MARSHALL M D26
PETER D MARSHALL B SC(AGR)65
JEANNE G MARSOLAIS B A70 M A72
JOHN R MARTIN B SC44 M D45
R J D MARTIN B SC(AGR)38
JOSEPH D MASCIS D D S58
HUGH J MASON B A64
MAURICE MASSE PRES
GEORGES M MASSON P H D42
X L MASTRIANNI M D59
WALTER MATHESON B SC(ENG)13
MRS GAIL MATTHEWS
HOWARD S MATTHEWS B COM23
MRS LINDA C MATTIS B SC66
ALEXANDER MATZKO B SC47 M D51
BENJAMIN R MAXWELL M D38
H STIRLING MAXWELL B ARCH28
J S MAXWELL
MRS PETER MAYDAN B A49
THEODORE MAYER B A42
KEITH P MAZUREK B ENG49
ROBERT G MCBOYLE B COM48
CHARLES M MCBRIDE B SC52
JOHN H MCBRIDE B SC59 M SC64
NED J MCCAGUE M D40
THOMAS HENRY MCCALL B ENG50
J LESTER MCCALLUM B A37 M D43
D HUGH MCCARTEN B COM49
GERALD J MCCARTHY B C L53
JACQUELINE MCCLARAN
KEITH F MCCLEARY B SC(AGR)59
MRS J CRAIG MCCLELLAND M A38
KENNETH R MCCORMACK M D54
CATHARINE C MCCORMICK B SC48
R JAMES MCCOUBREY B COM66
JAMES C MCCREA M D43
DUNCAN R MCCUAIG M D26
URBAN F MCCULLOCH B ENG42
NEIL W MCDERMID B ENG50
L E MCDONALD
P ROBB MCDONALD B SC(ARTS)30 M D34
FRANK T MCDONNELL B ENG61
ALLAN H MCDOUGALL B COM30
MRS ALLAN H MCDOUGALL B A36
P H D69
GEORGE MCDOUGALL B SC71 M B A76
MRS LAWRENCE G MCDOUGALL B COM39
JOHN WILLIAM MCDOWALL
J GEAR MCENTYRE B A34 B C L38
BENNETT B MCEWEN M D32
ARTHUR H MCFARLANE B A39 M A46
ELEANOR E MCGARRY M D47 M SC51
G PAUL MCGEE M D51
LEONARD D MCGEE B ENG33
J M MCGILLIS
EDWARD P MCGOVERN B COM50
JAMES G MCGOWAN B COM62
ALEXANDER MCGREGOR B SC48
FRANK R MCGREGOR M D30
GORDON C MCGREGOR B A71
ANDREW MCINROY B ENG54
HUGH R MCKAY B ENG69
WILLIAM BOYD MCKEE M D21
LEONA TERESA MCKENTY B A74
MRS LLOYD MCKESEY B N69 M SC(N)77
ANSON R MCKIM B ENG57
ALFRED J MCKINNA M D52
PETER W MCKINNEY M D60
DAVID P MCKITTRICK B ENG63
EILEEN MCKYES DIP P E29
MARJORIE F MCLAGGAN M A31
JOHN A MCLAREN M D43
VICTOR D MCLAUGHLIN M D52
H B MCLEAN M A10 B C L21
ALLISTER M MCLELLAN M D60
ROBERT A MCLELLAN B SC48 M D52
JOSEPH C MCLELLAND
ALEX W MCLEOD B A40 B C L48
THERESA C MCLOUD M D68
W FINLAY MCMARTIN B A30 M D35
MRS DARIA MCMORRAN B O T71
JOHN D R MCMORRAN B SC71 M D75
SYDNEY D MCMORRAN B C L34
F L MCNAUGHTON M D31 M SC41
JOHN L MCNIVEN B COM41
ALAN LINDSAY MCPHERSON M D73
DOUGLAS F MCPHERSON M D44
HUGO A MCPHERSON
WILLIAM J MCQUILLAN B C L34
HAROLD A MCQUITTY B SC(AGR)50
STANLEY C MCROBERT B ENG55
MRS DONALD R MCROBIE B A34
G D MCTAGGART B SC(ENG)22
MRS G D MCTAGGART DIP P E24
ROBERT MCTIERNAN D D S60
WILLIAM A MCVEY B COM51
JOHN L MCVITTIE B ENG49
ROBERT G MEEK B ENG47
VOLKER MEHNERT B C L62
MARVIN MEIROWITZ B A50
RICHARD E MELANSON B SC(AGR)43
STEWART W MELDRUM
ENDEL MELL B ENG59
JOHN H MELLOR B SC(ENG)30
EDWARD MENASHE B COM63
A I MENDELSOHN B ENG39
MAXWELL W MENDELSOHN B A62
MYER D MENDELSON B SC45 M D47
JEAN H MENETREZ M D50
BRIAN A MENNIE B ENG70 M B A80
R R MERIFIELD B A38 B C L41
C DAVID MERKEL M D63
MRS HOLLIS W MERRICK II
CLARKE F MERRITT D D S48
MICHAEL J MESSEL B ENG38
I MESSINGER B COM29
JOHN G METRAKOS B ENG55
KATHERINE METRAKOS M D49
AARON H METTARLIN B A23 B C L26
ISTVAN MEZES B ARCH60
LAWRENCE MICHAELS M D59
ALAN GREGORY MICHAUD B SC72
D D S77
PHILIPPE MICHEL DIP MED54
FRANK MILES
KEITH G MILLAR D D S68
DAVID S MILLER JR M D67
ALEXANDER MILLER B SC45 M D47
WILLIAM I MILLER B C L53
ALICE E MILLER B A34
JAMES R MILLER P H D59
MARY L MILLER B SC49 M D53
MORRIS MILLER B SC44 M D48
SAUL MILLER M D39 M SC48
WILLIAM M MILLER COM51
B J MILLIGAN B N50
JOSEPH H MILLIKEN M D32
ROGER MILLINSTON
STUART MILLOWITZ B A57 B C L60
FRED C MILLS M D56 M SC61
ALAN V L MILLS B C L42
K C F MILLS ARTS31
MRS ELEANOR MILTON B N71
JUSTINO G MINERVA DIP MED69
ARTHUR M MINNION B A32 B C L37
OSHER MINOVITZ M D47
H D MINTUN JR M D43
MRS STEPHEN M MINTZ B SC70
JEAN R MIQUELON B C L52
CAMERAN MIRZA B SC(AGR)61
NELSON S MITCHELL B A55 M D59
PETER MLYNARYK B SC54 M D56
DOMINIC MODAFFERI
WILLIAM W MOFFAT B SC49 M D53
CHRISTOPHER JOHN MOLESKI B ENG73
MRS MAUREEN MOLOT B A62 M A64
ERIC H MOLSON
STEPHEN T MOLSON B A63
ALMAS W MONAHAN B ENG48
H CARLETON MONK B COM38
ERNEST E MONRAD
ADOLPH MONSAROFF
THOMAS H MONTGOMERY B A36 B C L39
BROCK L MONTGOMERY B ENG34
A RUSSELL MOODIE M D10
DONALD R MOONEY B ENG47
M CEDRIC MOONEY B A32 M D36
MONICA E A MOONEY D D S51
JOHN F MOORE B COM61
JOHN R MOORE M D41 DIP MED51
RICHARD V MORALEJO M D49
CHARLES R MORELAND B SC(AGR)51
HENRY G B MORGAN M D38
JAMES E MORGAN B A37
HAROLD K MORRIS B ENG35
KENNETH W MORRIS AGR44
SAUL MORRIS B A54 B C L57
M KATHLEEN MORRISON B A28
PATRICIA MORRISON B S W48 M S W53
AVRUM MORROW ENG47
THOMAS S MORSE B ENG36
CHRISTINA M MORTON B A24
PETER D MOSHER B ENG57 DIP MGMT61
WILLIAM MOSLEY M D28
MURRAY E MOSS B ENG69
NATHAN MOSS
• FREDERICK D MOTT M D32
HAROLD E MOTT B SC(ENG)22
JOHN E MOXLEY B SC(AGR)47
M SC(AGR)52
HENRY WILDING MOXON B SC(ENG)30
MRS SAM MOYER B SC(AGR)60
MRS ARNOLD G MUIRHEAD B SC(ARTS)26
DAVID S MULDER M SC65
WILLIAM O MULLIGAN B A48 D D S50
WILLIAM P MULLIGAN M D56
WILLIAM H MULLOY M D52
DAVID E MUNDELL B ENG54
ROBERT L MUNRO B COM48 B C L51
MRS ROBERT L MUNRO B SC52
JAMES P MUNROE M D60
WM MORGAN MUNROE B A43 M A46
DENNIS MURCH B COM51
WILLIAM T MURCHISON B COM63
WILLIAM THOMAS MURDOCH
JOHN D MURFF
A GORDON MURPHY B SC(ENG)22 L L D60
DAVID R MURPHY M D42 M SC48
FREDERICK G MURPHY M D54 M SC58
G ROSS MURPHY B SC53 M D57
DONALD M MURRAY B COM55 C A58
JAMES G MURRAY B SC48 M D51
H LINDSAY MUSSELLS D D S41
JEFFREY MYERS P H D65
MAURICE NAIHOUSE M D18
JAMES NAIMAN B A45 M D49
ALLAN P NAIMARK B SC56 M D60
JACK NAIMER
N P VASAVAN NAIR
GEORGE NAKATSURU
A F NANCEKIVELL M D42
BASIL L NARES B SC(ENG)11
MRS KENNETH M NASH B COM55
LEWIS C NEACE M D39
MALCOLM E NEARY B SC(AGR)37
BEVERLEY C NEILL B ENG57
HARVEY J NELSON B A49
ROBERT J NELSON M D32
EMILE NENNIGER M ENG51
A H GRAHAM NESBITT B A58 B C L63
EDWARD W NETTEN B COM51
JACK NEWBY D D S54
E PETER NEWCOMBE B A47
MRS RICHARD NEWMAN B A45
DOUGLAS A NEWTON B ENG60
MING NG
GEORGE SPENCER NIBLETT B SC(AGR)56
DOROTHY A NICHOL B SC(P E)49
G RICHARD I NICHOLSON B SC61 D D S63
GRANVILLE H NICKERSON M D45
DIP MED50
HELEN NISKALA B N64
D NISKER
JOHN K NIXON B ENG59
ROBERT J NIXON B ENG36
HERBERT B NORRIS B SC(ENG)26
HAROLD A NORTON B ENG43
BRIAN HOWARD NOVACK B SC76 M D80
MRS JOEL NOVACK M L S72
LAZARE NOVACK B SC43 P H D46
HARRY L NUTIK B COM32 M D38
OSCAR NUTIK M D31
ZOLTAN B NYESTE D D S53
ROY D O'BOYLE B ENG68
FRANCIS H O'BRIEN
• JOHN L O'BRIEN B A20 B C L23
EDWARD G O'BRIEN M D52
CEDRIC F O'DONNELL B ENG49
• ELEANOR O'HALLORAN B A30
J MARTIN O'HARA
JACK I O'HASHI M D64
SHEILA M O'NEILL DIP NUR66 B N68
RONALD OELBAUM B COM53
GARY W OGDEN B SC71 M D75
JAN J OGGEL B SC(AGR)64
RICHARD I OGILVIE
JOHN A OGILVY B A52 B C L55
JANICE OLIVER B COM63
JOHN HOWARD OLIVER B SC71 M D73
KATHLEEN W OLIVER B A43
MICHAEL OLIVER B A48 L L D72
JOHN M OLSBURGH B COM48
MRS ROMAN OLYNYK B L S65
SILVIO J ONESTI M D51
CHRISTOPHER O ORANYELI M SC(AGR)64
ROBERT R ORR B SC(AGR)43 M D49
SVENN ORVIG M SC51 P H D54
JOHN C OSLER B ENG52
NORMA A E OSLER B A44
PHILIP F OSLER B SC(ENG)24
THOMAS W OSTAPOVITCH B ENG75
EDWARD OSTRO D D S55
MRS ISOBEL OSWALD B A37
G ROGER OTLEY B SC(AGR)59
WM W OUGHTRED B ENG46

*Deceased

EUGENE W OUTERBRIDGE B SC55 M D63
EVAN C OUTERBRIDGE B A65
MRS MURRAY M OUTHET B A42
H DAVID OVENDEN B A67
W SCOTT OVERTURF M D55
DAVID R OWEN B SC64 M D68
C W OWEN B S A25
STEVEN OWEN
KIEL H OXLEY B A27
HARRY OXORN B A41 DIP MED51
MRS FRED PACKER B A41
ARNOLD F PADGETT B ENG58
MARTIN PAIJMANS
PAUL BRITTON PAINE
MAX J PALAYEW B A51
MRS W H PALM B A33
JOHN D PALMER M D41 DIP MED50
WILFRED H PALMER B SC52 M D54
MRS DANIEL M PALTIEL B A52
CHOW KWONG JONATHAN PANG B COM74
JOHN B PANGMAN B SC(ENG)23
RUTH D PANKHURST B SC58 M D60
APOSTOLOS PAPAGEORGIOU
ADELARD L V PAQUETTE
OLIVE A PARKER B A26
ROGER PARLOUR
ERIC PARNELL USN B SC(ARTS)21
RAYMOND E PARSONS B A48
* RICHARD A PARSONS B C L21
R MILTON PARSONS B SC42 M D43
W DAVID PARSONS B SC46 M D51
BRUNO J PATERAS B C L57
ALEX K PATERSON B C L56
MARGERY G PATERSON B A62
IAN M PATIENCE B SC66 M D70
JOHN WM PATRICK B A42 M D43
WENDY E PATRICK B A66 M L S70
DONALD C H PATRIQUIN B MUS64
HEIDI B PATRIQUIN M D64
ROBERT L PATTEN M D62
JOHN G PATTERSON M D47
FRANK P PATTERSON M D40
RONALD L PAUL M D63
MRS RONALD L PAUL B A61
WILLIAM PAUL B ENG50
ROBERT E PAULETTE B SC52 M D54
T J F PAVLASEK B ENG44 P H D58
JOHN S R PAYNE B COM35
RICHARD F PEARCE B COM52
MRS GERALD J PEARL B A59
RONALD E PEARL B COM57
ROBERT W PEARMAN B A41 M D44
DAVID W PEAT B ENG50
S PEDVIS B SC42 M D43
SHEILA PEER B A79
JANET DAWN PELLEY B A74
JOHN S B PEMBERTON B A27
ARTHUR PERLMAN
A LESLIE PERRY B ARCH23
DAVID M PERRY M D54
ERNEST PERRY B SC42 P H D51
CHARLES PETCH OBE ED B COM28
BRIAN J PETERS L L B75
J GORDON PETERS B COM64
LLOYD C PETERS M D47
MRS CHARLES PETERSON B SC46
DAVID P PETRIE M D64
GORDON PETRIE M D32
EDWARD A PETRIE M D59
ANDRE R PETTIGREW B COM50
H P PETZOLD B SC(ENG)27
NEIL F PHILLIPS B C L50
MRS NORMAN W F PHILLIPS B A36
ROBERT A PICARD B A65
ROBERT I C PICARD B A31 M A32
ALFRED J PICK M A37 B C L40
JACK R PICKLEMAN M D64
DOROTHY PIERCY M D55
ROGERS B PIERSON
JOHN G PIESLEY B SC48
R O PIHL
GEORGE JAROSLAV PILAR M SC74
TREVOR D W PILLEY B SC51
ROBERT S PINCOTT B SC56 M D60
ED PINNELL
LEONARD PINSKY B SC56 M D60
DR MERRILLE F PINSKY B SC59 DIP MED70
KEITH S PITCAIRN B A28
PAUL B PITCHER B A35 B C L38
GRAHAM PITCHER B SC(AGR)54
WILLIAM PITT B SC(ENG)25
JOHN W PITTS B ENG49
R JAMES PLANT B C L60
MRS R JAMES PLANT B A61
MRS CHARLES R PLASKETT B A43
STANLEY K PLOTNICK B COM62
WERNER H PLUSS B ENG61
WILLIAM POCHEREVA B SC50 M D54
ERVIN PODGORSAK
MANFRED POHORYLES
JOHN L POLACK B ENG55
MICHEL POLAK B SC74
DOUGLAS H POLLOCK B ENG53
T DOUGLAS POLLOCK B SC(ENG)24
J STEWART POLSON B A41 M D45
HERBERT ANGUS POLSON B SC72 M D76
H ZVY POMERANTZ B SC43 M D47
GORDON D POOLE B ENG32 M ENG36
NORMAN L POOLE B SC50 M D54
F NORMAN POPE B SC(AGR)38
DAVID R POPKIN B SC(AGR)62 M D66
MARTIN J POPPO JR M D61
MRS PHYLLIS PORRITT B A30 M A32
J TIMOTHY PORTEOUS B A54 B C L57
JOSEPH PORTNOY M D66 M SC70
ERNEST POSER
BARRY I POSNER
RUDOLF STEFAN POSTEMA D D S77
BRIAN S POTTER M D50
JAMES E POTTS B ENG33
RONALD S POTTS M D54
GEORGES A POULIOT B C L49
ELTON R POUNDER B SC34 P H D37
ALLAN T POWELL B SC(ENG)23 M SC25
WILLIAM E POWLES B A40 M D43
NEVILLE G POY M D60 M SC63
ZDZISLAW POZNANSKI M ENG50
A WILLIAM PRATT B SC67 M D72
JOHN D E PRICE B SC50 M D54
SARAH S PRICHARD
GEORGE J PRIMAK B ENG58
SUSAN PRINDEVILLE B A62
RALPH PRIOLO B ENG57
G E M PROCTOR B ENG46
HAROLD J PRUSSIN D D S71
DOUGLAS S PRYDE B C L63
HERBERT PTACK D D S58
PETER C PULRANG M D51
HUGH J PURDIE DIP P E37 B A40
A BLAIKIE PURVIS B A49
IMRE PUSKAS P H D62
JOSEPH D PUTIGNANO M D65
HAZEL PUTNAM M D44
ROBERT M PUTNAM M D44
JAMES T B QUAYLE M D50
W DOUGLAS QUAYLE B COM55
MRS L A QUICK B A34 B L S35
GILBERT R QUILICI M D56
MRS ROBERT QUILLIAMS B SC(H EC)55
LOUIS J QUINN B A32 M D36
STEPHEN RABATICH B SC44 M D45
PHINEAS RABINOVITCH M D25
RALPH D RABINOVITCH B A40 M D42
SAMUEL H RABINOVITCH B A29
DAVID H RACE B ENG57
ALLAN C RAE B ENG48
NORMAN RAICEK
DAVID RAKITA
DEREK S RAMSAY B COM50
R ALEC RAMSAY B SC58 M D62
DONALD O D RAMSDALE B ENG33
COLIN RAMSEY M D48
ROBERT L RAMSEY B ENG70
JUDITH RAMSEYER M SC60 M D62
MOSS G RANDOLPH B ENG39
EDWARD R RAPATZ M D58
MICHAEL RASMINSKY
W GORDON RATHIE B ENG49
BERNARD RAUCH D D S48
CHARLES B RAYMOND B ENG71
MARK RAYPORT M D48 P H D58
JOHN REA
DOUGLAS ELLERY READ B SC(ENG)23
STANLEY E READ B A23 M A25
LILA REDMOND B A40 M D43
GORDON A D REED B ENG56 DIP MGMT59
COLIN ELLIOT REESOR B SC(AGR)66
MALCOLM REEVES B ENG42
ROBERT S REEVES M D54
QUENTIN R REGESTEIN. M D64
F THEODORE REID JR M D54
ALAN A REID B ENG37
EVANS B REID B SC37 P H D40
EWART P REID B A31 M A32
PETER B REID B COM57
R FRANK REIDER B SC(ARTS)28 M D32
DOUGLASS H REILLY B A41 M D43
LIONEL M REIMAN B SC64 M D68
HOWARD D REISMAN B ENG67
A R REIST
GUY RENAUD B COM44
PAUL F RENAULT B COM42
MICHAEL D RENNERT B SC61 D D S63
GEORGE RENNIE D D S52
MRS J KEVIN REYNOLDS B A52 B L S54
JOHN B REYNOLDS B COM42
JOHN R REYNOLDS B SC(AGR)56
WM N REYNOLDS B ENG38
DONALD RHODES B SC(ENG)28
COLWYN RICH
HELEN RICHARD
GARY RICHARDS
RALPH E RICHARDS B S A30
JOHN M RICHARDSON B SC(ENG)28
THOMAS A RICHARDSON M D43
JEAN H RICHER B ENG43
MARY L RICHMOND B N51
WAYNE K RIDDELL B MUS60
FRANK H RIGLER
ARNOLD B RILANCE M D31
RICHARD MARTIN RINDLER B A66
MICHAEL E RIOUX B C L54
ISSIE RISHIKOF
J W RITCHIE B SC(AGR)51
KENNETH S RITCHIE B A32 M D36
ROSS A RITCHIE B ENG43
ISRAEL R RIVEN B ENG33
LINDA RIVEN M D70
SAMUEL S RIVEN M D25
ROBERT R RIX M D34
MRS JAMES A ROBB B SC57
NOAH ROBBINS M D69
DOUGLAS P ROBERTON B ENG50
WILLIAM J ROBERTS B SC(AGR)50
CHARLES ROBERTSON B SC(ENG)12
HUGH D ROBERTSON B ARCH25
MARGARET J ROBERTSON B A30
MELVILLE S ROBERTSON B A27
J A BRUCE ROBINSON B SC(P E)49 D D S53
MURRAY ROBINSON B SC48
RAYMOND ROBINSON M SC38
STEWART A ROBINSON D D S29
WILLIAM G ROBINSON M SC38 P H D41
PIERRE E ROBITAILLE M B A66
DAVID E RODGER M D35
DAVID S RODGER B SC60
YANG RODJANAPICHES
BASIL RODOMAR COM55
THOMAS F ROGERS B ENG58
CLAYTON J ROLFE B C L31
C ALEX ROLLAND B SC48
ANDRE ROLLINGER M B A79
ROBERT G ROMCKE D D S53
F GRAHAM RONAN M D47
D RORISON
ALEXANDER ROSE B ENG35
BARBARA ROSE B SC37 M D43
PATRICIA ANN ROSE B SC(N)78
T F ROSE M D43 DIP MED50
CARL ROSEN B COM56 B C L60
DAVID ROSEN B SC47 M D49
BERNARD L ROSENBERG B A39 M D43
GEORGE A ROSENBERG B A57 B C L60
HARVEY ROSENBLOOM B COM52
WILLIAM J ROSENBLOOM B SC(ENG)29
HIRSH ROSENFELD B A28
ANDREW ORIN ROSENGREN B SC72 M D74
PERRY ROSENTHAL B SC54 M D58
ROBERT W ROSENTHAL B COM32
EDWARD ROSENTHALL B SC37 M SC38
LEONARD ROSENTHALL B SC49 M D56
A BEATTY ROSEVEAR B A16
ARTHUR ROSKIES B COM48
N PAUL ROSMAN B SC55 M D59
ROBERT M ROSS JR M D54
A E ROSS B SC(ARTS)25
D GRANT ROSS B SC(AGR)56
KENNETH H ROSS B SC33
N WILLIAM C ROSS B A64
MRS ERNEST ROSSITER B A37 M A39
EDWARD ROSSY B A46
RAYMOND P ROSSY B A50
ANDREW ROSTAING
JOHN S ROSTANT B SC48 M D52
STANLEY J ROTHMAN M D65
M L ROTHMAN B A51 B C L54
WILLIAM ROTHWELL M D37
JOSEPH A ROTONDO B SC71 D D S73
G MEREDITH ROUNTREE B A31 M A33
WILFRID ROURKE
C K ROWAN-LEGG M D32
MALCOLM D ROWAT B A66
LORNE A ROWELL B ENG35
AUGUSTIN ROY
JOHN H ROY
RICHARD HARRY ROY B COM57
JACQUES A ROYER B ENG36
ROMAN ROZENCWAJG B SC69 M D73
J S RUBIN M D30
JEFFREY I RUBIN B SC67 M D71
JOSEPH E RUBINSTEIN B A26 M D30
MRS DANIEL RUDBERG B A56
DONALD W RUDDICK B A38 M D42
R BRUCE RUDDICK B SC38 M D44
JERRY RUDEN B ENG54
AARON H RUDOLPH B SC44
KURT B RUF
JOHN T RULON M D55
H MARTIN RUMSCHEIDT B D61 P H D67
CARROLL A RUSSELL M D38
ANTHONY W RYAN L L B72
WALLACE J SAAD SC52
WALDEMAR E SACKSTON M SC(AGR)40
ALEXANDER SAHAROV B ENG58
NABIL SAHEB
SHAMDAYAL BRIDJ MOHAN SAHOY L L B80
BARBARA SUSAN SAIPE B A72
MICHEL P SALBAING B COM68
MRS GEOFFREY W SALE B H S42
A HAMID SALEEMI M L S68
MRS FREDERICK C SALTER B SC(ARTS)26
MORRIS SAMOTIS B COM54
D ALAN SAMPSON M D31
WILLIAM D SANDERS D D S55
LESLIE A SANDERSON
MELVYN SANDLER B SC63 D D S64
C A SANKEY M SC28 P H D30
AUSTIN U SARGENT M D57 P H D65
MRS FRANK SARGENT B A34
JOHN H SARGENT B A64
MRS JAMES SASSEN B SC55
MRS JEAN SATTERFORD
ERNEST E SAUNDERS B A47 B C L50
GEORGE R SAUNDERS B ENG34
BARRY REGINALD SAVAGE B ENG65
GEORGE SAVOY
CARL S SAWYER M D39
STEVEN SCHAFER B SC75
NORMAN SCHATZ
BEN SCHECTER B A36 B C L39
PAUL C SCHEIER D D S58
DAVID SCHIFF B SC57 M D61
M SCHIPPER
JEFFREY Y SCHNADER M D79
MRS ROSE SCHNEIDERMAN
MORRIS SCHNEK B COM69
MRS PETER V SCHOLES B A48
J SCHRETER
SEYMOUR SCHULICH B SC61 M B A65
MRS R PHILIP SCHULZE B SC(H EC)59
T SCHUR
CHARLES G SCHURMAN JR M D55
ALBERT J SCHUTZ D D S55
EARL S SCHWARTZ B A51 B C L54
ISAAC SCHWARTZ B A48
LIONEL SCHWARTZ B A60 B C L63
HENRY SCHWARZ JR
AUGUST C SCHWENK M D60
FRANK R SCOTT B C L27 L L D67
HENRY J SCOTT M D41 DIP MED51
JOHN B SCOTT M D37
MARIANNE F SCOTT B A49 B L S52
RONALD SIDNEY SCOTT B ARCH52
STEPHEN ALLAN SCOTT B A61 B C L66
C GEOFFREY F SEAGRAM B A59 M D63
MRS J MARSHALL SEATH DIP P E17
WILLIAM M SEATH B ENG52
ISADORE SEDLEZKY M D38
JOHN F SEELY M D62 P H D73
E T H SEELY B A31
MRS E T H SEELY B A31
PERRY M SEGAL B SC55 M D59
P SEKELJ
DAVID A SELBY B ENG49 M ENG64
IRVING SELTZER B SC54 D D S56
BOHDAN SEMCZYSZYN B ENG77
IVO SEMENIC B ENG55
JACQUES SENECAL B C L23
PIERRE MICHEL SENECAL M D43 DIP MED47
H LAURIE SEYBOLD B ENG62
ROBERT J SEYMOUR
MANUEL SHACTER B A44 B C L47
FRANK E SHAMY B SC54 D D S56
JOHN A SHANKS M D50 DIP MED57
CHARLES E SHAPIRO M D22
LORNE SHAPIRO B A34 M D39
ALLAN HARVEY SHAPIRO D D S72
BARRY H SHAPIRO B A61 B C L64
BERNARD J SHAPIRO B A56
DAVID S SHAPIRO B A58 D D S62
MRS LORNE SHAPIRO B SC41
ROBERT F SHAW CC B ENG33
DOUGLAS T SHAW B ENG42
GEORGE P SHAW B COM51
IAN B SHAW B COM39
RICHARD A SHAW B SC66
LINDLEY SHECTOR B ENG37
NATHAN M SHEINER B SC53 M D57
DAVID Y M SHEK B SC(ARCH)70 B ARCH71
PETER W SHENON M D58
GROSVENOR H SHEPHERD M D34
MARGARET A SHEPHERD M D77
ROBERT WALLACE SHEPHERD M D76
GILBERT SHERMAN B A31 D D S36
C M SHEWAN B A65
M D SHILLETTO
GEORGE SHIMO M D44
WILLIAM C SHIPLEY B SC(AGR)48 M A50
SEYMOUR SHLIEN B SC68
DOUGLAS A SHORT B COM39
WILFRED SHUCHAT B A41
VICTOR C SHULTZ M D53
GEORGE ANTHONY SHUNOCK D D S65
ABE SHUSTER B SC49 B C L53
SAMUEL SHUSTER B SC(ARTS)31 M D36
SEYMOUR A SIEGAL M D55
DAVID SIGLER B ENG52
HARVEY H SIGMAN M D57 M SC60
MICHEL SILBERFELD B SC66 M D70
* ARCHIE SILVER B SC44 M D45
ISSIE I SILVER B A54 D D S58
MALCOLM D SILVER M SC61 P H D63
R C SILVER B SC(ENG)27 M SC29
LEONARD SIMMERMAN B SC(P E)53
MRS HERBERT M SIMONSON B A44
RUDOLF A SIMOONS B ENG60
MELVIN O SIMPSON JR B ENG51
MRS MELVIN O SIMPSON JR B A49
RONALD G SIMPSON M D61
GORDON C SIMPSON B ENG51
JAMES MARTIN SIMPSON
ROBERT J SIMPSON B ENG50
ROGER G SIMPSON M D34
R V COLVILLE SINCLAIR B C L12
BRIAN J SINCLAIR B SC64
IRVING A SIRKEN B A42 M A43
EMIL SKAMENE
G BERNARD SKINNER B SC50 M D54
FRANK L SKINNER M D36
MAX SLAPACK B A29 B C L32
EDWARD SLAPCOFF B SC54 D D S56
MRS MAEFORD SLOCOMBE
PETER SMALL B SC67 M D71
ROBERT SMALLEY M D54
GEORGE W SMILEY B ENG36
ASA JOSEPH SMITH M D52
J BRUCE SMITH B SC65 M D69
ADAM W S SMITH B SC(ENG)23
E KENNETH SMITH M D42
ERIC R SMITH B SC(AGR)41
FRANK ASTOR SMITH
GERALD J SMITH B A39
GORDON W SMITH B ENG58 P H D67
HARRY SMITH
HEDLEY A SMITH
MRS HOWARD P SMITH M L S70
NORMAN E SMITH M D57
ODRIC H SMITH B ENG35
WILLIAM J SMITH B ENG77
MELVIL N SNELL M D50
VERNON A SNOW M D27
MRS HAROLD L SNYDER B SC(H EC)51
HOWARD P SNYDER M D38
JEAN N M SNYDER B A29
STEPHEN P M SO B SC66 D D S70
PHILIP I SOIFFER B ENG61
EDWARD B SOLOMON M A60 M D64
DAVID SOLOMON D D S48
MRS SAMUEL SOLOMON B A48
THOMAS A SOMERVILLE B ENG48
RONALD P SOMMERVILL M D53
KETO SOOSAAR B ENG61
WARREN Y SOPER B A42
WILSON J H SOUTHAM B A57
C WILSON SPENCER B SC(AGR)39
COLIN A SPENCER B ENG48
JOHN D SPENCER B ENG48

*Deceased

LIONEL A SPERBER B A21 B C L24
MARIO SPINO B ENG47
NUNZIO MARIO SPINO B ENG73
WALTER SPITZER
JOHN D SPIVACK B ENG42 P H D47
GEORGE H SPRATT B SC(ENG)28
CLAUDE ST HILAIRE B ENG53
BERNARD J C ST ONGE B ENG51
MRS ARTHUR JOHN STACEY DIP P T47
COLIN M STAIRS B ENG48
DOUGLAS G STAIRS
MERRILL E STALKER B SC47 M D51
GORDON D STANFIELD B ENG39
PAUL R STANFIELD B ENG66
MICHAEL A STANGER B SC63 M D67
MRS MICHAEL A STANGER B A64 B L S65
ELLEN STANSFIELD B A29 M A31
ELIZABETH STANTON B A40
ANDREW D STARKE B COM24
WILLIAM J STAUBLE B SC48 M D52
R E STAVERT B SC(ENG)14
MRS H R STEACY B SC47
MRS ROBERT STEDMAN B SC45
LEA C STEEVES M D40 DIP MED47
ALBERT L STEIN B A29
HARRY STEIN B COM34
MARCUS STEIN B ENG34
WILLIAM G STEIN M D58
ESTELLE STEINBERG B A33
HENRY STEINBERG B A57 B C L60
MRS HENRY STEINBERG B A59
MARVIN H STEINBERG B SC70 D D S72
MORRIS STEINBERG
URSULA STEINER DIP NUR64
NICOLAS STEINMETZ B SC59 M D63
C RONALD STEPHEN B SC38 M D40
PETER J STEPHENS B SC61 M D65
DONALD G STEPHENSON B SC49 M D54
LLOYD G STERN B A39 M D43
BERNARD A STEVENS B SC51 P H D55
HARRY D STEVENS B SC48 M D50
GARTH STEVENSON B A63 M A65
IAN P STEVENSON B SC42 M D43
RICHARD H STEVENSON B COM42
WILLIAM F STEVENSON DIP AGR60
MRS D D STEWART B A32
GEORGE L STEWART B SC(ENG)14
JOHN W STEWART B ENG47
JOHN STEWART B COM39
ROBERT C T STEWART B ENG49
ROBERT T STEWART B COM55
W WESLEY STEWART M SC31 P H D33
H HEWARD STIKEMAN B A35 B C L38
JOHN C STIKEMAN B ENG65
NORMAN C STINSON B COM42
SAUL S STIPELMAN B ENG50
GERALD S STOBER B SC48 M D50
MRS WILLIAM A STOCKER B SC(H EC)59
H P STOCKWELL B SC(ENG)24
SUZAN CARTER STODDER B SC80
BEN STOKES B COM49
ARCHIBALD C STONE M D38
FRED V STONE B A31 M A33
JOHN STONEHEWER B ENG46 M ENG62
J H STOVEL ENG34
BRUCE E STRADER M D71
ZENO STRASBERG B SC60 M D64
RUBIN STRAUSS B A29 M D35
HANNA STRAWCZYNSKI
PETER A STRICKER B ENG71
JOHN STRICKS B SC63 M D67
WILLIAM N STRONACH B COM46
ROGER D STRONELL MD CM M D71
WYNDHAM A STROVER B C L50
JAMES R STUART M D45 P H D57
T C STUART
W WALLACE STUART B COM40
JOHN D STUBBS M D56 B SC56
CHARLES P STURDEE B ENG34
ANTHONY STURTON
MARVIN STUTMAN B SC65 D D S67
H IRWIN STUTT B SC49 M A69
PHILIP B SULLIVAN M D41
THOMAS J SULLIVAN M D54
F WILLIAM SUMMERS B COM37
JOHN H SUMMERSKILL B A46 L L D71
HYMAN SURCHIN B SC43 M D44
MRS HYMAN SURCHIN B A44
RICHARD S SURWIT P H D72
FRANK H SUTCLIFFE B ENG53
D WM SUTHERLAND B COM39
HUGH S SUTHERLAND M SC29 P H D31
LLOYD ROBERT SUTHERLAND M D73
DAVID W SWALES B SC59 M D61
MRS MORRIS SWALSKY B N49
J N SWARTZ B ENG34 P H D37
G PATRICK SWEENY M D54
J ROBERT SWIDLER B COM68
JOHN SWIDLER B COM65 B C L69
LIONEL D SWIFT B ENG34
DONALD C SWOGER B A52 M L S66
EYVIND SYNNES
PETER L SZEGO B SC61 M D65
EDWARD TABAH B SC40 M D42
WILLIAM E TAFT B SC44
ALEXANDER H TAIT B ENG37
G EWING TAIT B SC(ENG)30
HOWARD L TANENBAUM B SC57 M D61
HYMAN TANNENBAUM B SC65 M D69
DR GLORIA SHAFFER TANNENBAUM B SC59 P H D76
ISAAC TANNENBAUM B SC43 M D44
MRS ISAAC TANNENBAUM B A44 B SC46
CLARE W TANTON M D41
DAVID A TARR B A61
LAWRENCE J TARSHIS B COM47
JOHN TATAM
WILLIAM G TATHAM B A69
RUSSELL F TAYLOR B SC47 M D50
WILLIAM A TAYLOR B SC44 M D45
CLAUDE I TAYLOR
CYNTHIA KATHLEEN TAYLOR B A77
E DOUGLAS TAYLOR B SC48
FREDERICK TAYLOR B ARCH30
GORDON R TAYLOR M A33
JOHN H TAYLOR B ENG35
JOHN L TAYLOR B SC47 M D49
JOHN S TAYLOR B ENG49
LAUGHLIN B TAYLOR M SC61
MICHAEL C TAYLOR B A64
RICHARD W TAYLOR B SC69 M D73
ROY F TAYLOR B ENG51
WADE A TAYLOR COM24
ROBERT C TEDFORD B COM63
MRS ROBERT C TEDFORD DIP P T65
HERBERT H TEES B A33 B C L36
MIRIAM H TEES B A44 M L S75
PHILIP M TEIGEN
SAM TEITELBAUM
ALBERT D TEITLEBAUM B SC58 P H D67
ANDREW TEKELA D D S57
ALAN TENENHOUSE P H D59 M D62
IVAN C N TENNANT B SC52
JOHN D TENNANT B COM63
MRS L MCI TERRILL B A19
MICHAEL LESLIE TERRIN M D74
MRS F RICHARD TERROUX B A21 P H D30
CLAUDE M TETRAULT MBE M A40 B C L49
• ROBERT TETRAULT B ENG43
JAMES C THACKRAY B SC46
• PAUL THIBAULT B ENG52
MRS ROBERT C THOM B L S52
B EDMOND THOMAS M D36
HOWARD B THOMAS M D62
RAYMOND C THOMAS B A51
GEORGE H THOMPSON M D47
MRS ALAN G THOMPSON ARTS40
ARTHUR BACON THOMPSON M D36
B GORDON THOMPSON M D59 M SC65
CHARLES A THOMPSON M D38
CLIFFORD S THOMPSON M D25
THOMAS B THOMPSON B SC(P E)58 M ED78
WILLIAM J THOMPSON B ENG52
ALEXANDER B THOMSON B C L48
CHARLES M THOMSON B COM40
GEORGE A THOMSON B COM47
• KENNETH B THOMSON COM37
BENJAMIN J THORPE B A28 M A32
C BRUCE THRASHER M D54
DONALD S THURBER M D25
MRS GUNHILD TIBBETTS
SAMUEL F TILDEN JR B ENG45
WALTER B TILDEN B COM50
DAWSON H TILLEY B COM52
HOWARD C TOBEY
ANDREW G TOEMAN D D S66
H MARTIN TOLCHINSKY B ARCH52
MRS ERIC TOLLER B SC(H EC)51
G H TOMLINSON P H D35
RALPH J TONELLI B ENG49
C FRANK TOPP B COM38
E FULLER TORREY M D63
DAVID L TORREY
JOSEPH TOTH DIP MED67
BENOIT TOUSIGNANT
STUART R TOWNSEND B A29 M D33
FRANK M TRASLER B ENG48
MRS FRANK M TRASLER B SC48 P H D58
SUSAN E TRECARTIN B SC68 M D72
JAMES W TREMAIN B ENG55
FERN L TREMBLAY B ENG55
HARRY E TRENHOLME B COM48
MRS ROBERT L TRERICE
HARRY C TRIANDIS B ENG51
J LOCH TRIMINGHAM M D66
MARSHALL TROSSMAN B A43 M D50
MRS WALLACE J TROUP B A57 DIP S W58
FRANKLIN M TRUNKEY M D60
GEORGE N TRUSCOTT D D S52
ZYGMUNT TRYLINSKI
DAVID S C TSANG B SC68 P H D73
CHENG CHUN TU P H D72
MICHAEL L TUCKER B ENG53
ALBERT A TUNIS B A48
JAMES S M TURNBULL B SC65 M D69
ALAN D M TURNBULL M D61 M SC65
• RUPERT B TURNBULL M D40
WILLIAM I TURNER JR
J GILBERT TURNER M D32
JOHN H F TURNER O B E
ALICE W TURNER B A27 M A28
CECIL H TURNER M D32
JOHN D TURNER M D56
RODERICK TURNER
RUSSELL D TURNER B ENG70
IAN N URQUHART B A70
ERNEST S USZKAY B ENG58
ALBERT VACHON D D S56
PIERRE VALIN B SC72 M SC74
RAYMOND H VALLIERES B ENG51
WILLIAM B VAN ALSTYNE M D59 DIP MED64
RICHARD L VAN DEN BERGH B A54 M D59
LIANA I VAN DER BELLEN B A52 M L S67
MRS MAARTEN VAN HENGEL B A48 B S W49
MRS M J VAN LOBEN SELS B A33
H TERRY VAN PATTER B SC47 M D49
CHARLES E VAN WAGNER B ENG46
MRS MAGTILDIS VANDERSTAP
S JOHN A VANDRICK M D51
SUSAN M VARGA-SOLYMOSS B SC77
A MURRAY VAUGHAN
ALJE VENNEMA M D62
MAURICE A VERNON B A49 M D51
JEAN VEZINA
INGRID M VICAS B SC70 M D76
HERSCHEL VICTOR B COM44
WILLIAM VICTOR B COM31
ROLAND J VIGER M D33
P F VINEBERG M A36 B C L39
ARTHUR M VINEBERG M D28 P H D33
MICHAEL D VINEBERG B C L68 M A68
W S FRASER VIPOND B A49 M D53
HUDSON H VIPOND B SC65
P VIVANTE
IRWIN L VOSKO
ALISTAIR J WADE B ENG51
HAMILTON G WADMAN M D50
ALLEN S WAINBERG B SC57 D D S59
I J WAINER B A24
H EDITH WALBRIDGE B A34 DIP P E35
JAMES A WALKER B SC(AGR)51
JEAN M WALKER B A44
JOHN M WALKER
LAURENCE R WALKER B SC35 P H D39
MRS T F WALKER B A19
PHILIP RUSSELL WALLACE
A BRADFORD WALSH B SC(AGR)36
ALLISON WALSH B A33 B C L36
KENNETH WALSH B SC(AGR)51
KENNETH C WALTERS D D S66
WALTER G WARD B ENG42
MRS CYNTHIA G WARDWELL B A36
JAMES E WARE B ENG49
MRS A H WARNER MBE B A18
M S ARDELE WARR B A71
J H WARREN V-CHAIRMAN
F G ROSS WARREN P H D48
HERBERT H WARREN B COM30 C A31
DOUGLAS L WATERSTON B SC(AGR)45
BARRAUD J WATSON M D53
DOUGLAS I WATSON B ENG51
JEAN F WEBB M D42
WALTER E WEBB B ENG50
MRS H WEBBER B A42 DIP S W44
ANDREW D WEBSTER B A57
D R WEBSTER M SC30 P H D33
RICHARD C WEBSTER B COM32
DANA A WEEKS M D36
PATRICIA BOHAN WEEKS M D51
CLAIRE A WEIDEMIER M D64
ALLEN WEIGENSBERG B SC(AGR)73
MYRON J WEIN B SC48
MERVYN L WEINER B COM43
DAVID WEINSTEIN
DAVID J WEISER B SC66 M D70
G BARRY WELDON B ENG70
J DALE WELDON B A50 M D54
WILLIAM F WELLER M D45
D S WELLS
DONALD B WELLS M D59
RICHARD F WELTON B SC(AGR)54 M SC(AGR)69
G E WEMP
JOSEPH WENER M D41 M SC48
JAMES W WESTCOTT M A50
GILBERT B WESTMAN B SC50 M D54
STEPHEN H WEYMAN M D45
MRS ERIC E WHEATLEY B A32
GEORGE E A WHELAN B A49 B C L52
BENJAMIN B WHITCOMB M D35
JOHN J WHITE M D57
KERR LACHLAN WHITE B A40 M D49
MICHAEL A WHITEHEAD
V MICHAEL WHITEHEAD M D59
HERBERT WHITING M D32
RUTH M WHITLEY B A29
MRS HARRIS WHITTEMORE JR ARTS18
N BLAIR WHITTEMORE M D60
JOHN F WICKENDEN JR B ENG59
RICHARD H WICKENS B ENG53
A PATRICK WICKHAM B C L49
ARTHUR WICKHAM B C L52
MAURICE M WICKLUND M D43
FRED WIENER B SC42 M D43
SAMUEL WIGDOR B SC52 B SC(AGR)56
MRS ALLAN J WIGHT B COM33
JOHN B WIGHT B COM47
VIVIAN F WIGHTMAN B A43
THEODORE WILDI B ENG44
JAMES H WILDING B SC(AGR)54
ARTHUR WILKINSON B ENG33
RALPH D WILKINSON
ELDON S V WILLIAMS B SC56 M D60
CHARLES M WILLIAMS B ENG49
CHARLES WILLIAMS DIP MED31
DONALD BOYD WILLIAMS M D67
F MICHAEL G WILLIAMS M SC66
H BRUCE WILLIAMS M D55
HAROLD J WILLIAMS B ENG41
MRS HOWARD H WILLIAMS B A55
JOHN W WILLIAMS B SC44
ROBERT A WILLIAMS B COM54
WILLIAM M WILLIAMS
SELWYN WILLIS B A33
ROBERT C WILLISON B SC(AGR)54
MRS DONALD R WILSON B A37
DOUGLAS G WILSON B COM55
MRS E ARTHUR WILSON B A38
JULIA C WILSON B ED66
K HUNTER WILSON B C L50
R G WILSON M D51
RONALD S WILSON B ENG43
WILLIAM R WILSON B ENG34
RALPH D WINSHIP B ENG54 M ENG57
ROLAND B WINSOR B SC(ENG)27
JACK S WISE B SC65 M D69
MRS MELVIN WISE B A56
PETER S WISE B COM29 C A30
MILES WISENTHAL M A57
LEONARD H WISSE B A52
POLLY B WITHROW M D41
KENNETH M WOLFE B A64
LEONHARD SCOTT WOLFE
EDWARD WOLSTEIN B SC(ARTS)28 M D32
DONALD F WOLVIN B COM48
DOUGLAS G WONG D D S60
JOHN WONG M SC63
SHU KWONG WONG B ENG70
TOM L Q WONG D D S62
MRS DONALD O WOOD B A59
ROBERT P WOODS M D40
GEORGE W WOODS B COM47 C A49
JAMES C WOODWARD B S A30
SIMON F WREN B SC58 M D63
DOUGLAS A WRIGHT
FRANCES B WRIGHT B A52
H H WRIGHT B ENG35
JAMES G WRIGHT B A65
JOHN H WRIGHT B ENG49
JOHN P WRIGHT COM31
KENNETH H WRIGHT B COM55 D D S66
PHILIP A WRIGHT • B SC(AGR)50
J EARL WYNANDS M D54 DIP MED58
JOHN M WYNN B COM27
JAMES W WYSE B SC(ENG)24
LUCAS YAMAMOTO
CHARLES YANG
THOMAS T J YANG P H D71
ARTHUR YANOFSKY
HYMAN YANOFSKY B ENG50
MRS HARVEY YAROSKY B A57 B L S58
MARTYNAS F YCAS
WILLIAM V YOUDELIS M ENG56 P H D59
DONALD A YOUNG M D35
ARCHIBALD D YOUNG M D51
T ELLIOTT YOUNG B SC45 M D49
T KUE-HING YOUNG B SC69 M D73
ROBERT S YUFE B ENG68 M D73
L ZARIFI B ENG52
CHARLES K ZENWIRT B ENG50
ARNOLD ZIDULKA B SC62 M D66
JEAN PAUL ZIGBY B COM52 B C L59
MRS THANOS N ZINTILIS B A55
MOSES ZNAIMER B A63
PAUL J A ZSOMBOR-MURRAY B ENG58 P H D71
HANNA ELEANOR ZUCKERMAN B SC72
EDMUND T ZYSIK JR D D S79

*Deceased

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Three hundred and sixty-seven corporations now match gifts made by their employees to McGill University. This is a significant increase in the number of companies with matching gift programs, and the amount of support in dollars through these aid-to-education programs has gone up by 76% over the previous year.

Companies with matching gift programs will match, dollar for dollar, gifts made by their employees to universities in North America. This support from the business community is over and above other corporate giving programs.

Graduates who wish their gifts to be matched should take the initiative and contact their personnel offices for the conditions of their company plan and should follow the suggested procedure.

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AMERICAN STOCK EXCHANGE
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THE BOEING COMPANY
BOISE CASCADE
THE BORDEN COMPANY LIMITED
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BROWN-FORMAN DISTILLERS CORPORATION
BUDGET RENT-A-CAR CORPORATION
BUFFALO SAVINGS BANK
BUNGE CORPORATION
BURLINGTON INDUSTRIES, INC.
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CANADA SHIPBUILDING
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CANADIAN GENERAL ELECTRIC COMPANY LIMITED
CANADIAN INGERSOLL-RAND COMPANY LIMITED
CANADIAN OCCIDENTAL PETROLEUM LIMITED
CANADIAN REFRACTORIES
THE CARBORUNDUM COMPANY
CARRIER CORPORATION
CASTLE & COOKE, INC.
CAVALIER CORPORATION
CENTRAL LIFE ASSURANCE COMPANY
CERTAIN-TEED PRODUCTS CORPORATION
THE CHARTER COMPANY
CHEMICAL BANK
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CNA FINANCIAL CORPORATION
THE COLEMAN COMPANY INC.
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COMBUSTION ENGINEERING
COMMERCIAL UNION ASSURANCE COMPANIES
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CONNECTICUT GENERAL INSURANCE CORPORATION
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CONTINENTAL OIL COMPANY
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DILLINGHAM CORPORATION
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DOW BADISCHE COMPANY
THE DOW CHEMICAL COMPANY*
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DRESSER INDUSTRIES, INC.*
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EARTH RESOURCES COMPANY
EATON CORPORATION
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ELDORADO NUCLEAR LIMITED
ELECTROLUX (CANADA) LIMITED
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ENSIGN-BICKFORD COMPANY
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ETHYL CORPORATION
EX CELL-O CORPORATION*
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FORD MOTOR COMPANY OF CANADA LIMITED
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GOLDMAN, SACHS & COMPANY
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GRUMMAN CORPORATION
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HOUGHTON CHEMICAL CORPORATION
HOUGHTON MIFFLIN COMPANY*
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ITEL CORPORATION
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JOHNSON & JOHNSON
JONES & LAUGHLIN STEEL CORPORATION
JOSTEN'S INC.
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WALTER KIDDE & COMPANY
KIDDER, PEABODY & COMPANY, INC.
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KINGSWAY TRANSPORT
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MFB MUTUAL LIFE INSURANCE COMPANY
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MacLEAN-FOGG LOCK NUT COMPANY
MacLAREN POWER & PAPER COMPANY
P.R. MALLORY & COMPANY, INC.*
MANULIFE
MARSH & McLENNAN MANAGEMENT
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
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McGRAW-HILL RYERSON LIMITED
McKIM ADVERTISING LIMITED
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METROPOLITAN LIFE INSURANCE COMPANY
MICHIGAN GENERAL CORPORATION
MIDDLESEX MUTUAL ASSURANCE COMPANY
MIDLAND-ROSS CORPORATION
MILTON BRADLEY COMPANY
MINNESOTA MINING & MANUFACTURING COMPANY
MOHASCO CORPORATION
MOORE McCORMACK RESOURCES, INC.
MOTOROLA CANADA LIMITED
THE MUTUAL LIFE INSURANCE COMPANY OF NEW YORK
MUTUAL OF OMAHA
NATIONAL LIFE INSURANCE COMPANY
NATIONAL MEDICAL ENTERPRISES
NEW ENGLAND GAS & ELECTRIC ASSOCIATION
NEW YORK BANK FOR SAVINGS
NORANDA MINES
NORTHSPORT LIMITED
THE NORTHWESTERN MUTUAL LIFE INSURANCE COMPANY
NORTHWESTERN NATIONAL LIFE INSURANCE COMPANY
W.W. NORTON & COMPANY, INC.
OAKITE PRODUCTS, INC.
OCCIDENTAL LIFE INSURANCE COMPANY
OCCIDENTAL PETROLEUM CORPORATION
OLD STONE BANK
OLIN MATHIESON CHARITABLE TRUST*
THE ONTARIO PAPER COMPANY
ORTHO PHARMACEUTICAL CORPORATION
THE RALPH M. PARSONS COMPANY
PAUL MASSON INC.
PAUL REVERE LIFE INSURANCE COMPANY
PENNZOIL COMPANY
PFIZER, INC.
PHELPS DODGE CORPORATION
PITTSBURGH NATIONAL BANK
PLANTERS
POLAROID CORPORATION
POWER CORPORATION
PRATT & WHITNEY AIRCRAFT OF CANADA LIMITED
PREFORMED LINE PRODUCTS COMPANY
PRENTICE-HALL, INC.
PROCTOR-SILEX
PROVIDENT LIFE & ACCIDENT INSURANCE COMPANY
THE PRUDENTIAL INSURANCE COMPANY OF AMERICA
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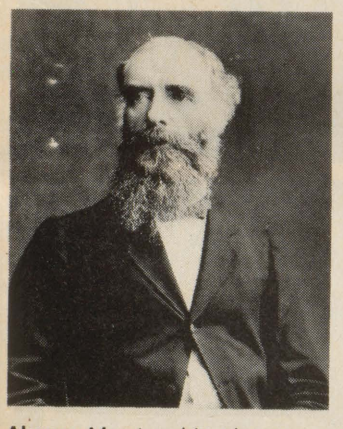
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My brilliant (McGill) career

by Judee Ganten

When Professor of Education Margaret Gillett learned in 1978 that the first woman had just graduated from McGill's department of mining engineering, she thought: "It's incredible that somebody is still breaking those kinds of records." She also realized that this milestone was but one of many in a story that had never been told — the history of the first hundred years of women at McGill.

Aware that some of the early female graduates were still alive, Gillett said she "decided that something should be done to get a record of their experiences while we have first-hand witnesses." With the help of a grant, she travelled across Canada interviewing alumnae and, in the case of the earliest graduates, their children. The result is her sixth book, *We Walked Very Warily: A History of Women at McGill.*



Notman Photographic Archives

Above: Montreal businessman Donald Smith provided funds to establish a women's college at McGill.
Right: In this group of Donaldas, named for their benefactor, Octavia Ritchie is seated in the centre and Maude Abbott is standing at right.



Combining her talents as an educational historian, biographer, and women's studies specialist, Gillett has chronicled what she sees as the frustratingly gradual progress of women at McGill and their many outstanding accomplishments in the face of steady opposition. In this scholarly and deeply feminist work, she acknowledges the steadfastness of McGill's earliest alumnae. "This account is a tribute to the achievements and tremendous determination and courage of those early women," she says.

Originally, she had intended to base the book solely on the results of the alumnae interviews but, as the project grew, she decided to integrate the "oral history" into a political and sociological framework. "I couldn't tell the story of women at McGill without engaging in the issues of women's educability and the nature of the opposition to the higher education of women," she explains. Consequently, Gillett's account blends a wealth of personal anecdotes with those nineteenth and twentieth-century controversies that surround changes in women's status within the university.

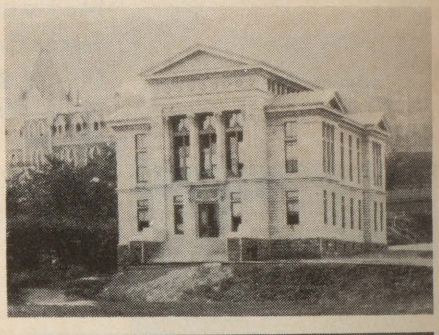
The author concentrates on examining the opposition that confronted women coming to McGill. Three questions dominated their early struggle for acceptance. First, should women be admitted to the university? Second, should women have separate classes? And finally, should women be accepted into the professional faculties?

The course of events that eventually resolved these questions was shaped by what Gillett calls an "institutional personality" — a posture adopted by both McGill and its female students. Jessie (Boyd) Scriver, BA'15, MDCM'22, DSc'79, a member of the first class of female medical graduates, said of the women on campus: "We walked very warily." In this phrase Gillett found, not only the title for her book, but an illustration of the collective attitude that, she feels, has typified McGill women during the past hundred years.

Extending this theory to include McGill administrators, the author points out that they adopted a far more conservative approach to the issue of women's higher education than did other universities or even society at large. Queen's University, the University of Toronto, and several of the Maritime colleges were already granting BA's to women while McGill was still refusing them admission. On the issue of coeducation Gillett says, "Coeducation versus separate classes for women was hotly debated both within the academic community and outside. Universities opted one way or the other. But, in my opinion, coeducation was rejected much more strongly at McGill." In explaining this she once again points to the firm, traditional stance taken by the administration and the genteel, middle-class female population not given to agitate for their rights. Officially, however, the reasons used to explain the university's position were insufficient funds and inadequate facilities.











Lower left: This "college girl" postcard illustrates the cover of Gillett's book.
Lower right: The gala opening of Royal Victoria College took place in the fall of 1900.
From the top: The Donaldas gathered for a reunion in May 1938; RVCites (?) show they're not so prim and proper during a 1914 tea party; The first Donaldas attended lectures in the Redpath Museum.
Opposite page: Education professor Margaret Gillett based her book on a wealth of interviews.

Eden Press Women's Publications

Despite obstacles, women were admitted to the Faculty of Arts in the fall of 1884 — a development that had seemed quite impossible only three months before. In a particularly dramatic scene in the book, four young female graduates from the Montreal High School for Girls visited Principal William Dawson at his office. On their own initiative, they requested permission to attend McGill. "They had a pent-up desire to learn," says Gillett. "It was a case of rising expectations. After completing high school there was nowhere in Montreal for them to go." Although Dawson acknowledged their "unexampled standings" on college entrance examinations (which ironically they were permitted to write but not use), he politely refused. That was the spring of 1884.

That same summer, a prominent Montreal businessman, Donald Smith, later to become Baron Strathcona and Mount Royal and Chancellor of McGill, offered McGill a $50,000 endowment for the higher education of women. Redpath Hall was hastily renovated and by the fall a total of eighteen women (including the four who had previously been refused) were enrolled. One of them, Octavia Ritchie England, BA'88, wrote: "To mark the dignity of our new status, we lengthened our skirts and put up our hair, coiled smoothly at the nape of the neck."

Although the Donaldas (a nickname derived from that of their benefactor) had to walk warily to prove they were serious students, Gillett reports that "they loved McGill and had a wonderful time." Throughout the text, they smile faintly from formal Victorian portraits, which often belie their girlish gaiety. "We were not all typical blue stockings," writes Ritchie. "On the contrary, we were full of life, fun loving, and at times even irrepressible."

In 1899, thanks to a further grant from Lord Strathcona, the establishment of Royal Victoria College (RVC) provided the Donaldas with a home of their own at McGill. Since the conditions of the endowment stated that there was to be separate education for women, the Donaldas' academic and recreational lives began to centre around RVC. Although the conversion to coeducation didn't take place until the forties, the university, for its own financial convenience, allowed the earlier Donaldas to attend mixed classes with low enrolments.

The Donaldas generally proved themselves to be outstanding students, although their relative isolation afforded them a somewhat dubious status within the university. RVC, just a short distance from the main campus, was like a comfortably furnished guest cottage in the shadow of the manor house. Though they were respectfully treated, the honoured guests could not be invited to partake in household affairs. And so, the Donaldas found themselves denied representation on the Students' Council and membership in the student societies. They had to push for the legitimization of RVC and for permission to enter the professional faculties. Gillett is both surprised and dismayed by the opposition they faced: "These women were constantly being called upon to prove themselves. It wasn't good enough that the Donaldas excelled in Arts, they were refused entry to the Faculty of Medicine. Nor would the first female Law graduate Annie Macdonald Longstaff, BCL'14, who placed fourth in her class with first rank honours, be admitted to the Quebec Bar, although this was not a university decision. It was the same all down the line; in Engineering, Architecture, and Divinity, women always met the same kind of resistance."

Unfortunately, the McGill-Montreal establishment of the late eighties did not see any relationship between academic achievement and male-female equality. Yet there were several determined women at McGill who, in spite of the barriers, went on to establish themselves in successful, if not brilliant, careers. Of Gillett's "favourite people," there are two who emerge from the stream of accomplished McGill women as the book's heroines.

"They had a pent-up desire to learn – it was a case of rising expectations. After completing high school, there was nowhere in Montreal for them to go."



Dr. Octavia Ritchie England and Dr. Maude Abbott, BA'90, both exemplified the indomitable spirit that helped forge a place for women at McGill. Ritchie, one of the four high school teenagers who visited Dawson, had a brilliant record as an undergraduate and was valedictorian of the women's class at their first McGill graduation in 1888. Denied admission to McGill's Faculty of Medicine, she went to Queen's where she studied two years before returning to complete her MD at Bishop's University (which ironically used the Montreal General as its teaching hospital). Both she and Abbott graduated in Medicine at Bishop's and went to Europe for post-graduate studies. Ritchie returned to Montreal, set up a practice in internal medicine, and continued the fight for women's admission to Medicine at McGill. She was also actively concerned with women's rights in the lay community. A member of the Federal Liberal Party, she ran for election, but was defeated. "She is one of the people I admire very much," says Gillett. "As one individual pushing the fight right through, she is a model."

Abbott returned to McGill in 1898 as assistant curator of the Medical Museum. She had already gained international recognition in her specialty — pathology. In 1910, following a series of promotions that granted her a lectureship in the Medical Faculty, McGill awarded her the honorary MDCM it had not allowed her to earn. That was eight years prior to the admission of women to Medicine. Although she was never promoted above the level of assistant professor of medicine, her immense contribution did not go unnoticed. In 1936, she became the only person to receive a second honorary degree, the LLD. The award recognized her as a pioneering medical curator and historian and, in the words of the citation, "above all, as a stimulating teacher, an indefatigable investigator, and a champion of higher education for women."

Gillett views Abbott as representative of McGill's institutional personality in two ways; her striving for excellence and her willingness to compromise in order to work within the limitations governing women. Says the author, "Maude Abbott was world famous and made a true contribution to knowledge, yet she never got the money or the promotions that a man of her accomplishment would have received. Still, she chose to stay at McGill though she had attractive offers from other universities."

Medicine finally opened its doors to women in 1918; Law had already accepted Annie Langstaff in 1911. Gradually, the other professional faculties were challenged and followed suit — Divinity on a partial basis in 1918, Dentistry in 1922, and the traditionally male strong-holds of Architecture in 1939 and Engineering in 1942. Women were then admitted without dispute to Science and Management and to the newer faculties as they were formed.

Today one glance around RVC reveals that life, at least superficially, has changed for McGill women. Relaxing in front of the colour TV, RVCites watch "Another World," with arms around a boyfriend and sneakers resting on a coffee table, while the struggle for women's admission seems as forgotten as the adjacent, empty music room with its brocade drapes and red velvet couches. But down the hall, from behind glass cases, photographs of the first Donaldas look outward, their gaze fixed on some distant point, as if questioning whether the time for walking warily is really over. □

WHERE THEY ARE AND WHAT THEY'RE DOING

'28

Rev. JAMES A. PAYTON, BA'28, retired and living in Trenton, Ont., celebrated the fiftieth anniversary of his ordination in June 1981.

'29

HYMAN "RED" SHAPIRO, BA'29, was recently admitted to the Florida Bar.

'30

Rev. GEORGE GOTH, BA'30, retired with a rural charge outside London, Ont., recently spoke at the special anniversary services of St. John's United Church in Cardinal, Ont.

'32

BOB BOWMAN, BCom'32, whose daily feature on Canadian history has been carried by newspapers across Canada for twenty years, recently became one of the most popular bridge teachers in Vancouver, B.C.

HENRY SMILIE, BCom'32, an internationally-known bridge expert, has taken up dancing and recently gave exhibitions at Spokane, Wash., and Anaheim, Calif.

'36

R. HEATH GRAY, BEng'36, MSc'37, PhD'40, president of Gray, McKinlay Assoc., Montreal, has been appointed president-elect of the Canadian Institute of Mining and Metallurgy.

'38

MICHAEL J. MESSEL, BEng'38, president and general manager of Lac d'amiante du Quebec, Ltée., since 1964, has retired after forty-three years in the asbestos industry.

'39

JAMES GRASSBY, BEng'39, MEng'40, retired in June, 1981, from his position as executive assistant to the senior vice-president responsible for information services of Inco, Toronto, Ont.

Prof. EUGENE LANGE, MSc'39, was granted an honorary degree by the University of Manitoba, where he had been director of the School of Agriculture for nineteen years.

EDMOND A. LEMIEUX, BCom'39, has been appointed executive vice-president, finance, for Foothills Pipe Lines (Yukon) Ltd.

'40

Dr. O.A. BATTISTA, BSc'40, announces the publication of his new book Olympiad of Knowledge – 1984.

ALEX D. HAMILTON, BEng'40, has been named chairman of the board and chief executive officer of Domtar Inc.

THOMAS S. HUGHES, BEng'40, has become a mining consultant responsible primarily for Western Canada with the Bank of Montreal Mining Group, Vancouver, B.C.

'41

STEVE DEMBICKI, MEng'41, has returned to Kelowna, B.C., to work with local industry and commerce as a consulting engineer.

JAMES DOYLE, BA'37, BCL'41, vice-president of Steinberg Inc., Montreal, has been appointed chairman of the Canadian Chamber of Commerce.

ALFRED T.HOLLAND, BCom'41, is a member of the Ontario Securities Commission.

HARRIET (BLOOMFIELD) JOSEPH, BA'41, has been made full professor of English literature in the department of communications and literature of Pace University, Westchester, N.Y.

DANIEL MacDOUGALL, MSc'41, PhD'44, has been appointed director of environmental science for Dow Chemical of Canada, Inc.

RUSSELL MERIFIELD, BA'38, BCL'41, recently retired as vice-president and general manager of Victoria and Grey Trust Co.

PETER V. SHORTENO, Q.C., BCL'41, has recently joined Bruno J. Pateras, Q.C. and Assoc., as counsel.

'42

BURTON K. WASSON, PhD'42, who recently discovered the cardiovascular drug Blocadren while heading a research team in the Merck Frosst Laboratories, Kirkland, Que., has retired to Hunter's Ferry, N.B.

H.J. MICHAEL WATSON, BSc'42, BCom'47, is vice-president of finance with Stelco Inc., Toronto, Ont.

'43

A. JEAN de GRANDPRE, BCL'43, has been named honorary co-chairman of the campaign to raise funds for a new Quebec Society for Crippled Children's centre.

EDWARD D. JOSEPH, BSc'42, MD'43, professor of psychiatry at the Mount Sinai School of Medicine, New York, N.Y., has completed four years as president of the International Psycho-Analytical Assoc.

LEO YAFFE, PhD'43, has been elected president of the Chemical Institute of Canada.

'44

ARTHUR BOURNS, PhD'44, DSc'77, received an honorary degree at the University of New Brunswick's 152nd encaenia in Fredericton.

'45

MILDRED BATTEL, DipSW'45, is active in education for seniors in Regina and has published, Children Shall be First, the history of child welfare in Saskatchewan.

BERNARD J. DRABBLE, BA'45, is serving as associate deputy minister in the federal department of Finance in Ottawa, Ont.

MARTIN WILK, BEng'45, has been appointed chief statistician of Statistics Canada, Ottawa, Ont.

'46

HARCOURT T. JOHNSTON, BA'46, has been awarded the Committee on History of the Presbyterian Church in Canada certificate for his book, History of Presbyterianism in Thunder Bay and District.

ROBERT K. JOYCE, BA'46, has been named Canadian executive director of the International Monetary Fund, Washington, D.C.

JAMES C. THACKRAY, BSc'46, president of Bell Canada, is honorary chairman of the West Park Hospital development campaign in Toronto, Ont.

'47

J. DONALD CAMBRIDGE, BCom'47, is the director, public affairs, of the North American Life Assurance Co.

ROBERT LEE, BEng'47, has been appointed director of research for Canadian Liquid Air.

IAN S. MACDONALD, BEng'47, has retired as director of advanced technology for Air Canada to form his own aviation consulting company in Nepean, Ont.

E. PETER NEWCOMBE, BA'47, has been elected president of the Victorian Order of Nurses for Canada.

BERNARD PANET-RAYMOND, BEng'47, is president of Organization Resources Counselors Canada Inc.

Rev. GORDON D. STEWART, BA'47, is with the Green Hill-Alma-Merigomish United Church in Nova Scotia.

WENDELL F. WHITE, BCom'47, has been appointed treasurer of Hollinger Argus Ltd.

'48

FRANK BARRETT, BEng'48, is the new manager of the Fenelon Falls region for Ontario Hydro.

ALEX W. McLEOD, BA'40, BCL'48, has been named vice-president and general counsel of Petro-Canada Products Ltd., in Montreal.

KIYOKAZU JACK MOMOSE, BSc'44, MD'48, affiliated with the Waltham Hospital, and the Boston Eye and Ear Infirmary, and the Massachusetts General Hospital, has been selected for fellowship in the American College of Radiology.
KENNETH A. WRIGHT, BCom'48, has been elected vice-president of Ford Motor Co., of Canada, Ltd.

'49

JOHN F. ALLISON, BSc'49, is vice-president, industrial relations, of Abitibi-Price Inc.
ROBERT T. BASSETT, BCom'49, Dip Mgmt'65, a representative of the Imperial Life Assurance Co., of Canada, has been awarded the Institute of Chartered Life Underwriters of Canada title and designation for professional competence.
FRANK P. BRADY, Q.C., BCL'49, is senior vice-president, industry and government relations, of Dominion Textile Inc.
Col. JEAN-CLAUDE DUBUC, BCom'49, will be named chancellor and chief executive officer of the Order of the Hospital of St. John of Jerusalem.
ALEX I. HAINEY, BCom'49, DipM& BA'62, has been appointed senior vice-president of Union Carbide Canada Ltd.
LILA RIVEN RUSSELL, BA'49, BSW'51, MSW'52, DipSW'64, co-founder of the Ontario Assoc., for Marriage and Family Therapy, is employed in psychiatric social work at Victoria Hospital, London, Ont.

'50

DAVID CARTER, BSc'50, has been named manager of exploration for Placer CEGO Petroleum Ltd.
PETER KOHL, BA'50, has become publisher and general manager of The Daily Mercury, a newspaper in Guelph, Ont.
GORDON H. MONTGOMERY, BEng'50, has been appointed Executive vice-president and general manager of the mining division of Westmin Resources Ltd., in Vancouver, B.C.
JOHN READ, BSc'48, MD'50, a pediatrician and director of the University of Calgary's Accident Research Unit, chaired the Calgary Olympic Development Assoc. Alpine Committee that won that city the hostship of the 1988 Winter Olympics.

'51

CLIFTON M. BECK, BA'48, BCL'51, is vice-president, secretary, and general counsel of Dominion Textile Inc.
WILLIAM R. COLES, BEng'51, has been appointed manager of business development, Alcan Canada Products Ltd.
VINCENT P. COLIZZA, BA'51, recently completed his MBA degree at the Canadian School of Management, through the Northland Open University Programme.
DAVID HUBEL, BSc'47, MD'51, a professor of neurophysiology at Harvard University, Cambridge, Mass., shares half of this year's Nobel prize for medicine with colleague Prof. Torsten Wiesel. The two neurophysiologists have discovered how sight stimulation in infancy is tied to future vision and how the brain interprets signals from the eye.
MAURICE LeCLAIR, BSc'49, MD'51, has become senior corporate vice-president of Canadian National in Montreal
EDWARD W. NETTEN, BCom'51, has been appointed managing partner of Price Waterhouse Associates, management consultants, and will continue to head their office in Toronto, Ont.
GEOFFREY C. NOBLE, BSc'51, has been named executive vice-president, and director of Hughes, King & Co., Ltd., portfolio managers and financial consultants in Toronto, Ont.
ROBERT G. WILSON, MD'51, will resign from his position as secretary-general of the Canadian Medical Assoc. in December.

'52

GLENN A. DOUGLAS, BSc'52, after twenty-five years experience in the toxic waste treatment and chemical industries, has been named general manager of Ontario Waste Management Corp.
DR. ALLAN J. GORDON, BSc'52, professor of geology, has been appointed director of continuing education of Saint Mary's University, Halifax, N.S.
ROBERT G. GRAHAM, BCom'52, is president, director, and chief executive officer of Inter-City Gas Corp., Winnipeg, Man.
EDGAR J. LeROUX, MSc'52, PhD'54, DSc'73, is assistant deputy minister in charge of Agriculture Canada's research branch and serves on the National Research Council of Canada.
WARREN A. McCONCHIE, BEng'52, has been appointed vice-president, utility products, of C-E Air Preheater, Chicago, Ill.
Dr. WALTER M. SHAW, MSc'52, an internist and director of nuclear medicine, has recently been appointed chief of staff of the Oshawa General Hospital, in Ontario.

'53

COME CARBONNEAU, PhD'53, has been named president and chief executive officer of Corporation Falconbridge Copper.
DOUGLAS E. LOGSDAIL, BSc'53, has become operating director of Potash Corp., of Saskatchewan Sales Ltd., in Saskatoon, Sask.
JOHN McADAM, BSc'53, a partner in Flanagan McAdam and Co., recently became president of the Prospectors and Developers Assoc.
MURRAY D. McEWAN, BSc'53, has been appointed vice-president, sugars division, for Redpath Industries Ltd.
EDWARD O. PHILLIPS, BA'53, will have his first novel, Sunday's Child, published by McClelland & Stewart this fall.
MAURICE E. TASCHEREAU, BEng'53, has been appointed director of the Canada Oil and Gas Lands Administration, Ottawa, Ont.

'54

IRWIN BROWNS, BA'54, a packaging distributor and consultant, has opened offices of I. Brown Packaging Inc., in Montreal and Zurich, Switzerland.
MARGO (GOOD) HERBERT, MSW'54, director of Social Work at the University of Alberta Hospital, chairs the Edmonton Committee on Child Abuse and Neglect and is an instructor in child welfare at the University of Calgary School of Social Welfare.
JOHN A. MAHOMED, BEng'54, senior mechanical engineer with Shawinigan Consultants Inc., Montreal, has become a fellow of the Engineering Institute of Canada (FEIC) in recognition of his engineering activities and contribution to the Institute.
ROBERT MARCHESSAULT, PhD'54, has been appointed vice-president, research, for Xerox Canada Inc.
ROBERT JAMES MOFFITT, BCom'54, has been named vice-president, corporate development, of United Canso Oil & Gas Ltd.

'55

STEPHEN F. ANGUS, BEng'55, has been appointed vice-president of the Eastern Canada Division of Dominion Bridge.
MORREL BACHYNSKI, PhD'55, has formed MPB Technologies Inc., a Montreal-based high-technology lab that deals with such things as laser beams and headlights for icebreakers.
PIERRE de BROUX, BEng'55, has been named chief engineer of Dominion Textile Inc.
IRENA M. MAZURKIEWICZ-KWILECKI, MSc'55, PhD'57, a professor of pharmacology at the University of Ottawa, Ont., recently celebrated the twentieth anniversary of her teaching and research career.
RAYMOND R. PINARD, BEng'55, has been appointed executive vice-president, operations, of Domtar Inc.
ROBERT T. STEWART, BCom'55, group vice-president, marketing, of Scott Paper Ltd., has been selected marketing executive of the year by Sales and Marketing Executives of Vancouver, B.C.

'56

G. RAPLEY BUNTING, BEng'56, has been appointed vice-president, plastics, of Esso Chemical Canada, a division of Imperial Oil Ltd.
JULIO FERNANDEZ, BSc'56, has become vice-president, technical, of Lepages Ltd.
MARTIN GOODMAN, BA'56, president of Toronto Star Newspapers Ltd., has been appointed to the Order of Canada.
ROBERT A. SHEA, BEng'56, has been elected vice-president of Canadian Pacific Consulting Services Ltd.

JOSEPH SZABO, BEng'56, patent lawyer in Hughes Aircraft Co., Los Angeles, Calif., has completed a one-year term as president of the Los Angeles Patent Law Assoc.

'57

JOHN F. BRIDGEMAN, MD'57, a family practitioner in Mission Viejo, Calif., has been elected secretary-treasurer of the Orange County Medical Assoc.

GLEN T. FISHER, BEng'57, has been elected president of Canadian Pacific Consulting Services Ltd.

WILLIAM N. GAGNON, BCL'57, has been appointed senior vice-president, human resources and international division, for Dominion Textile Inc.

MERRITT A. GIBSON, PhD'57, a specialist in microscopic and developmental anatomy, was appointed acting vice-president (academic) of Acadia University, Wolfville, N.S., in March.

Dr. PETER REGENSTREIF, BA'57, has become an associate consultant in Currie, Coopers and Lybrand Ltd.

HARVEY M. ROMOFF, BA'57, has been named managing director, container services for Canadian Pacific Steamships Ltd., London, England.

DAVID M. WILES, PhD'57, of the National Research Council, Ottawa, Ont., was presented with the Dunlop Lecture Award at the Canadian Chemical Conference and Exhibition held in Halifax, N.S., last June.

'58

JAMES S. REDPATH, BEng'58, president of J.S. Redpath Ltd., North Bay, Ont., was awarded the Past Presidents' Memorial Medal of the Canadian Institute of Mining and Metallurgy at the Institute's annual dinner in Calgary, Alta.

DOROTHY ROWLES, BN'58, has been appointed president of Grande Prairie Regional College in Alberta.

MARTIN RUMSCHEIDT, BA'58, BD'61, STM'63, PhD'67, was named to the advisory academic panel of the Social Sciences and Humanities Research Council of Canada.

INTA (ADAMOVICS) RUTINS, BA'58, MSW'60, is director of psychology and social work for the District of Columbia Schools in Washington, D.C.

GERALD A. SCHWARTZ, BCom'58, became the associate executive director of the Royal Columbian Hospital, New Westminster, B.C., in April.

VALERIE SIMS, MSW'58, is director general, priorities and programme coordinator – immigration at the Canada Employment and Immigration Commission, Ottawa, Ont.

'59

Dr. WILLIAM G. AYRTON, BSc'59, has been appointed president of Flame Oil and Gas Ltd.

BERNARD BLANCHARD, BCL'59, has been named director of the Canadian Bar Assoc.

Dr. FRANK MARKS, BSc'59, has been appointed director of the Harrow Research Station in Ontario.

PHILIP H. McLARREN, BCom'59, has been named regional vice-president, western region, in Vancouver, B.C., of TA Associates.

PAUL NIEDERMAYR, BSc'59, Dip Mgmt'65, has been named vice-president, corporate development for Corby Distilleries Ltd., Montreal.

N. PAUL ROSMAN, BSc'55, MD'59, director of the department and professor of pediatric neurology at Boston University School of Medicine in Massachusetts received the Metcalf Award for teaching excellence at their May commencement.

IRINA PERLIS TORREY, BA'59, who operates an environmental planning firm in San Francisco, Calif., spoke on "Design Professionalism" at a conference entitled "Design Forum '81: Women Up Front" held last March at California Polytechnic State University, San Luis Obispo.

'60

W. NELSON CALDWELL, BEng'60, a senior research engineer with Canadian National Rail Research Centre, St. Laurent, Que., will receive the American Society of Mechanical Engineers rail transportation award for his collaboration on a paper "Improved Wheel Profiles for Heavy Freight Vehicles."

PHILIP SEEMAN, BSc'55, MSc'56, MD'60, chairman of the University of Toronto department of pharmacology, has won the Ontario Mental Health Foundation John Dewan award for his research into the dopamine hypothesis of schizophrenia.

JOHN D. TRAINOR, BCom'60, has been appointed senior consultant in charge of Lamb, Guay Inc.'s executive search practice in Toronto, Ont.

'61

ROGER A. BUREAU, BA'61, has been appointed director of marketing for Brooke Bond Inc., Montreal, a diversified food company.

GRAHAM L. DUFF, BEng'61, is president of Costain Ltd., a development and construction company in Willowdale, Ont.

PIERRE A. DUPONT, BEng'61, has been named president and managing director of Bell Canada International Management Research and Consulting Ltd.

BRUCE J. GRIERSON, BEng'61, is executive vice-president of QIT-Fer et Titane Inc., in Montreal.

CARI (PRIDE) GRIERSON, BSc (HEc)'61, serves as consumer representative for the New Brunswick Dairy Products Commission, in Riverview.

JOHN D. HSU, BSc'57, MD'61, was promoted to clinical professor, department of orthopaedic surgery at the University of Southern California, School of Medicine in Los Angeles.

CLARE LENNIE, BN'61, is assistant executive director (nursing), Royal Alexandra Hospital, Edmonton, Alta.

Dr. ALEXANDER MacPHERSON, Dip Psych'61, is the new medical officer of health for Toronto, Ont.

JOHN A. SLOSARCIK, BEng'61, Dip Mgmt'68, has been named vice-president, operations, of the Pre-Con Co., Division of St. Marys Cement Ltd.

'62

RICHARD J. BEACH, BEd'62, has been promoted to professor of geography and has been named director of Canadian studies and international education at Plattsburgh State University College in New York.

NICOLAS R. GRAVINO, BEng'62, has become the project director for the Montreal Heavy Fuel Oil Upgrader Project.

ERIC C. RIORDON, BSc'62, has been named senior vice-president of Publicité Foster Ltée., in Montreal.

GORDON SCOTT SMITH, BA'62, has been named deputy minister in the Ministry of State for Social Development, Ottawa, Ont.

JOHN WALLING, BCom'62, has been named assistant vice-president of First City Trust in Montreal.

'63

RONALD J. LEBLANC, MSW'63, associate professor of social work at the Université de Moncton in New Brunswick, was promoted to Lieutenant Colonel and given command of the Eighth Canadian Hussars Princess Louise's Militia Regiment.

CHRISTIAN G. STOREY, BSc'63, MSc'66, has been named chief geologist of Silverton Resources Ltd.

RALPH A. TEOLI, BEng'63, MBA'71, has been appointed assistant vice-president intermodal services of CP Rail.

WINNIFRED WARKENTIN, BN'63, is director of the Aga Khan Medical College, Karachi, Pakistan.

'64

JOHN R. COWANS, BEng'64, has been appointed president of the White Pigment Corp., Florence, Vt.

RAYMOND DAVIES, MSc'64, PhD'68, is director, corporate geology, of the Hudson Bay Mining and Smelting Co., Ltd., Toronto, Ont.

MICHAEL A. HALE, BSc'64, is vice-president and actuary of the Imperial Life Assurance Co., of Canada.

GERALD O. KELLY, BEd(PE)'64, MA'66, MEd'68, has been appointed president of Geant MacEwan Community College, Edmonton, Alta.

INGER LAIDLEY, BA'64, is a representative in Edmonton, Alta., of Richardson Management Assoc., Ltd.

PETER S. SEYBOLD, BEng'64, has been appointed vice-president and general manager for the CCTF division of Emco Ltd., Toronto, Ont.

RALPH G. STABLER, BSc'64, has been named manager, business administration, new energy resources department, of Gulf Canada Resources Inc., Calgary, Alta.

HALFORD M. WILSON, BEng'64, is treasurer of Domtar Inc.

'65

BRUCE J. BISHOP, BCom'65, is vice-president, controller, of St. Lawrence Cement Inc., in Montreal.

BRIAN D. MARSHALL, BEng'65, president of RoyMark Financial Services Ltd., Toronto, Ont., has been elected president of the Association of Canadian Venture Capital Companies.

DAVID O'BRIEN, BCL'65, has been appointed senior vice-president and general counsel of Petro-Canada Products Ltd.

BOB ROBSON, BSc(Agr)'65, has become manager of the Shur-Gain Division of Canada Packers research farm, Maple, Ont.

TERENCE J. STINSON, BSc'65, is vice-president and general manager, corrugated containers division, of Domtar Packaging.

'66

ROBERT RENE DE COTRET, MBA'66, is senior vice-president and general manager, international, of the National Bank of Canada.

LAURENCE J. RUSS, BSc'66, MSc'67, PhD'70, is vice-president, research, with Ortho Pharmaceutical (Canada) Ltd.

JACOBUS TERMORS, BSc(PE)'66, has been appointed principal of the John F. Kennedy Memorial School, Pointe Claire, Que.

'67

DONALD A. COGGAN, BEng'67, is president and general manager of Coggan Douserv Associates Ltd., an engineering consulting firm in Montreal.

DAVID CYR, BEng'67, is director, information services, of Inter City Papers Ltd.

EDWIN V. DODGE, BEng'67, is general manager marketing and sales, Pacific region, of CP Rail.

PETER SANDIFORD, BCom'67, has been named vice-president, services, of Systemhouse Ltd., Ottawa, Ont.

'68

MILLER AYRE, MBA'68, is vice-president of ResourceCan Ltd., St. John's, Nfld.

JOSEPH FOX, BSc'68, MSc'70, is employed as a senior geologist at Teck Explorations Ltd., Toronto, Ont.

SHEILA (SAXE) GREENSPOON, BSc (HEc)'68, was recently elected president of the Jewish Junior Welfare League in Montreal.

LESLIE A. LEVI, BCom'68, is executive vice-president of sales for Canada, the United States, and Central America for Almedie, a hospital, medical supply firm.

SAUL E. LEVINE, BSc'66, DDS'68, has been elected president of the Mount Royal Dental Society and the Montreal alumni chapter of the Alpha Omega Fraternity.

W. CARL LOVAS, BCom'68, is a partner with Caldwell Partners International, Toronto, Ont.

JEAN H. MABARDI, MBA'68, has been named principal of Currie, Coopers & Lybrand Ltd., management consultants in Montreal.

PETER B. NIXON, BA'68, has been appointed to the Toronto, Ont., institutional sales division of Loewen, Ondaatje, McCutcheon & Co., Ltd.

HARVEY SCHACTER, BCom'68, is co-president of the Montreal-based Centre for Investigative Journalism.

DAVID H. WILSON, MEng'68, is executive vice-president and chief operating officer of Wire Rope Industries Ltd.

'69

RONALD B. DRENNAN, BCom'69, has been appointed a partner of Caldwell Partners International in Montreal.

MANUEL PRUTSCHI, BA'69, has been named community relations director for the Winnipeg Jewish Community Council in Manitoba.

WILLIAM E. ROSCOE, MSc'69, PhD'71, is a senior associate with Robertson and Associates, Toronto, Ont.

SHED M. SAIFULLAH, PhD'69, associate professor of botany at the University of Karachi, West Pakistan, is a biographee in the The Marquis Who's Who in the World, Fifth Edition, 1980/1981.

G. THOMAS SHEPPARD, BSc'69, MBA'77, is a portfolio manager of Standard Life Assurance Co., and a vice-president of its investment counsel subsidiary.

RICHARD F. STREET, BEng'69, has been named vice-president of Tanenbaum Brothers Ltd., a Toronto, Ont., holding company, and has been elected vice-president of the North American Society for Corporate Planning.

'70

Dr. CATHERINE AHEARN, BA'70, published her fourth book of poetry, Thus Spoke Superman, in October.

PIERRE GIGUERE, BCom'70, has joined the Montreal office of Grisé Personalized Tax Services Ltd., as manager of the tax practice.

GUY C. JAMES, BSc'70, has been appointed president and chief executive officer for Laurier Resources Ltd.

NASH A. SIDKY, MEng'70, Dip Mgmt'75, has been appointed president and chief executive officer of SNC/GECO Canada Inc., Toronto, Ont.

'71

RONALD A. FRITH, PhD'71, of the Geological Survey of Canada, Ottawa, Ont., received the Barlow Memorial Medal of the Canadian Institute of Mining and Metallurgy.

AVRUM I. GOTLIEB, BSc'67, MD'71, an assistant professor of pathology at the University of Toronto, Ont., was recently awarded the Wild-Leitz Junior Scientific Award.

PIERRE LACASSE, BSc'71, has been named director of the claims department for Alliance compagnie mutuelle d'assurance-vie.

ROBERT R. ORFORD, BSc'69, MD'71, executive director, occupational health services, with Alberta Workers' Health, Safety, and Compensation in Edmonton, has been named steering committee chairman for the Occupational Health & Safety Grants programme, a project of the Alberta Heritage Fund.

JAMES A. TILLEY, BSc'71, has joined the Equitable Life Assurance Society of the United States, New York, N.Y., as assistant vice-president of pension operations.

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(418) 687-3333

GEORGE VASIL, BCom'71, has been appointed principal and manager of the recently opened Toronto office of Grisé Personalized Tax Services Ltd.

'72

MICHEL S. BOILY, BEng'72, MBA'79, has been appointed executive director, continuous casting product division, with Foseco Steelmills International Ltd., in Birmingham, England.

NISSEN CHACKOWICZ, BA'72, has been granted a master of arts degree by the Jewish Theological Seminary of America, New York, N.Y.

PETER F. CHODOS, BCom'72, has become a vice-president in the corporate finance department of Wood Gundy Ltd., in Toronto, Ont.

ALAN JORDAN COHEN, BSc'72, has become senior research physicist in Shell Development Co., Houston, Tex., and will spend a year as exploration exchange scientist at the Royal Dutch Shell Laboratory, Rijswijk, the Netherlands.

TOM E. MILNER, MEng'72, has become manager, engineering, Quinsam Project of Brinco Mining Ltd.

'73

KARL BENNETT, PhD'73, an expert in the economics of developing countries, has been appointed chairman of the economics department at the University of Waterloo, Ont.

ROBERT J. GALE, PhD'73, has been appointed assistant professor in the chemistry department of Louisiana State University, Baton Rouge.

FIROUZ GHABOUSSI, MArch'73, runs a large architectural/town planning firm in Nairobi, Kenya.

DAVID L. PATRICK, BSc'73, graduated from the University of South Alabama, College of Medicine and is currently a resident in internal medicine at University Hospital, Memphis, Tenn.

TIIU SLANKIS, PhD'73, has joined the Toronto relocation counselling group of Thorne Stevenson & Kellogg.

ROY WEST, MSc'73, PhD'79, has become the provincial epidemiologist for the Regina-based Saskatchewan Health Department.

'74

HOWARD HOAG, BSc(Agr)'74, has been named senior technical sales representative, film, Hercules Canada Ltd., Toronto, Ont.

CHRISTOPHER HOFFMANN, BSc'69, BCL'74, LLB'79, is a partner in the law firm of Burnet, Duckworth & Palmer, Calgary, Alta.

BETH MOORE-MILROY, BA'74, recently completed a PhD in community and regional planning at the University of British Columbia, Vancouver, and is now assistant professor in the School of Urban and Regional Planning at the University of Ottawa, Ont.

DEBORAH PINSKY, BSW'74, MSW'78, has become director of the Davis YM-YWHA in west end Montreal.

GREGORY TARDI, BA'70, BCL'74, has obtained an LLB degree from the University of Ottawa, Ont.

'75

DONNA BALKAN, BA'75, has been appointed executive director of the Centre for Investigative Journalism in Montreal.

MARC BOIVIN, BCL'75, has joined the firm of Selinger & Lengvari.

JAMES de GASPE BONAR, MA'75, currently writing his PhD dissertation for the Université de Montréal, has been appointed international students' advisor at Concordia University, Loyola campus.

Dr. BERNARD A. KUNZ, BSc'75, has been awarded a fellowship and is pursuing post-doctoral studies in molecular genetics at the National Institute of Enviromental Health Sciences, Research Triangle Park, N.C.

LUCIA M. MANDZIUK, BSc'75, received her PhD in clinical child psychology from the University of Windsor, Ont., this fall.

LINDA SOLOMON, MLS'75, has become chief librarian at the Canadian Nursing Association's national nursing library, Ottawa, Ont.

'76

ANTHONY L. AKSICH, MBA'76, has become director, overseas trade, for CP Rail, Montreal.

ROBERT E. ARQUETTE, BSc'76, a research chemist with Henkel Corp., Minneapolis, Minn., has received his MSc in chemistry from Lawrence University, Appleton, Wis.

BRIAN A. BARSKY, BSc'76, has been appointed assistant professor of computer science at the University of California, Berkeley.

DENNIS J. CLICHE, BEng'76, is assistant manager, metallurgy, Canadian Liquid Air Ltd., Montreal.

FRANCOISE GUENETTE, BCL'76, has been appointed secretary of the National Bank of Canada.

JERRY L. KALNITSKY, BCL'76, BA'80, works for the corporate division of the collection service, Quebec Department of Revenue, Montreal.

JERRY F. O'BRIEN, BA'76, was called to the bar in London, Ont., last April and has joined the firm of O'Brien, Kirby and Jacklin, Chatham, Ont.

PHILIP S. SCHEIM, BA'76, a teacher in the Prozdor Programme at the Jewish Theological Seminary of America, New York, N.Y., has been ordained rabbi, preacher, and teacher.

PETER G. SCHOCH, MSc'76, has been appointed president of M P H Consulting Ltd.

DOUGLAS STEL, BA'76, practising with the law firm of Greenfield, Service in Stayner, Ont., was called to the bar in Ottawa last April.

'77

LINDA BICK-HELFGOTT, BSW'77, MSW'78, is a clinical fellow in family therapy at the Framingham Youth Guidance Centre, Framingham, Mass.

JOHN R.D. BONAR, BA'77, has been appointed assistant trade commissioner in the federal Department of Industry, Trade, and Commerce.

ETIENNE DANOIS-MARICQ, BEng'77, is CSV coordinator in Cairo, Egypt, for Schlumberger Overseas.

PETER R. DUMAS, BA'77, was awarded a medical degree in May at the Medical College of Pennsylvania, in Philadelphia.

JULES GAGNE, MBA'77, has been named directeur – planification générale in the Commission de Transport de la Communauté Urbaine de Montréal.

SIMON HELFGOTT, MD'77, is a Medical Research Council of Canada Fellow at the Brigham and Women's Hospital and Harvard Medical School in Boston, Mass., working in rheumatology.

ROBERT IAN MACDONALD, BA'77, was recently admitted to the Bar of Alberta and is now employed at the Bishop & MacKenzie law firm in Edmonton.

'78

BRUCE GLENCROSS, BA'78, has taken up his duties as deacon curate of St. Peter's Anglican Church, Town of Mount Royal, Que.

MARK ROBSON, MD'78, recently joined the Arnprior and District Memorial Hospital in Ontario.

'79

SUSAN HIGGINS, BSc(Agr)'79, joined Western Breeders Service, Alberta, as dairy programme assistant in May.

DORON KOCHMAN, BSc'75, DDS'79, has received a certificate in pedodontics after having completed a two-year specialty course at Eastman Dental Centre, Rochester, N.Y.

'80

JOHN E. ELLSWORTH, BEng'80, MBA'81, is director of consulting services with O.R.C. Canada Inc., Toronto, Ont.

Rev. GORDON H. FRESQUE, BTh'80, is an ordained missionary for the Kenyon Presbyterian Church, Dunvegan, Ont.

MARJORIE LEVENICK, BSc'80, has just returned from a nine-month stint with the International Agricultural Exchange Assoc., where she worked on a dairy farm near Huntley, New Zealand.

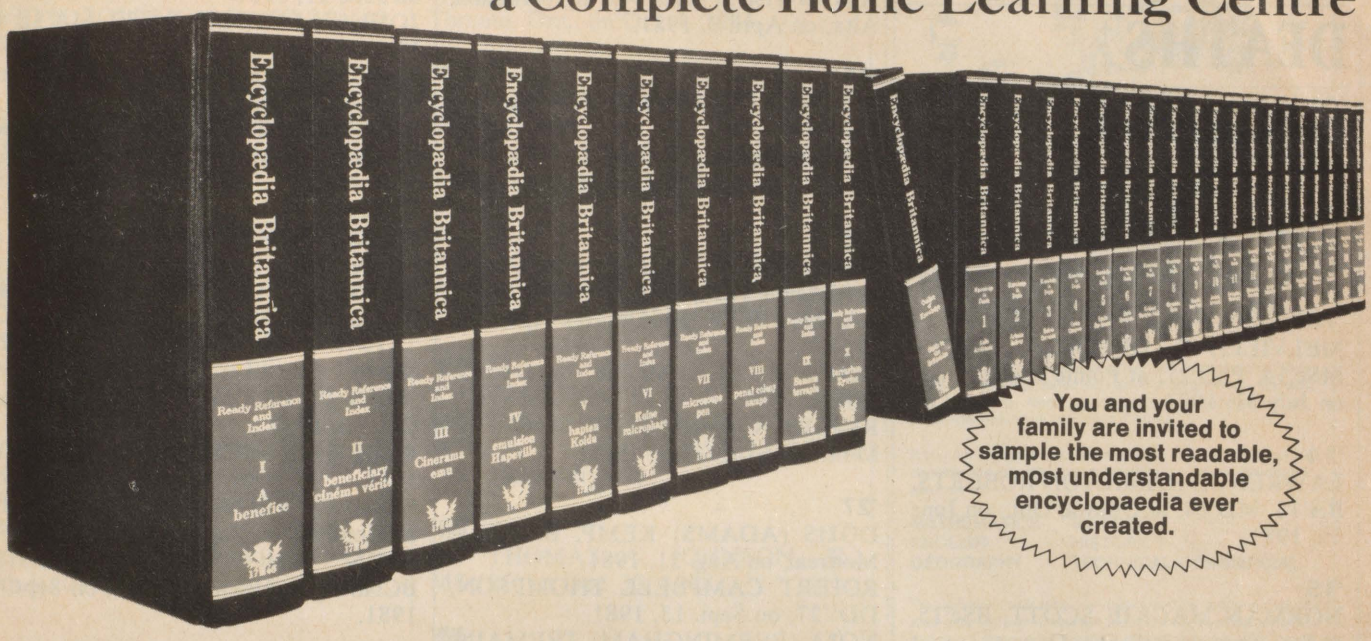
PATRICE V. MENNESSON, MBA'80, has been named vice-president and manager of the recently opened Calgary, Alta., branch of BNP Canada Inc.

JULAINE PALMER, BCL'80, LLB'80, has been admitted into the Ontario Bar Assoc., and is working in insurance litigation.

LILIE BENBOW SARGENT, BA'80, is working as the editor of English-language publications for the Turkish Development Foundation in Ankara, Turkey.

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BRIAN SEYFERTH, BEng'80, is working with Kenneth D. Camp and Assoc., a firm of architects, planners, and engineers in Denver, Colo.
ROBERT H. WICKER, MArch'80, is a project architect with the firm of Jova, Daniels, Busby in Atlanta, Ga.

DEATHS

'06
LIONEL HEBER COLE, BSc'06, on August 9, 1981.

'12
BEATRICE (BORIGHT) REILLY, BA'12, in May 1980.

'13
MELVILLE E. DUPORTE, BSA'13, MSc'14, PhD'21, at Pointe Claire, Que., on July 31, 1981.

'14
LAWRENCE HAMILTON ROBERTS, BA'13, MD'14, at Ottawa, Ont., on June 19, 1981.

'15
NORMAN MACKIE SCOTT, BSc'15, at Ste. Anne de Bellevue, Que.

'16
DAWSON DOWELL, BSc'16, on June 11, 1981.

'17
VERA (ADAMS) EADIE, BA'17, at Montreal, on July 25, 1981.

'19
JAMES PATRICK DORAN, BSc'19, at Toronto, Ont., on Aug. 15, 1981.
LILA F. GILES, BA'19, at Lachute, Que., on June 7, 1981.
R.A. GRANT SMART, BA'19, at Hamilton, Ont., on Aug. 22, 1981.

'20
ROBERT SCOTT EADIE, BSc'20, MSc'22, at Ottawa, Ont., on Aug. 7, 1981.
WILFRID G. McLELLAN, BA'17, MD'20, at Montreal, on July 27, 1981.
HAZEL McMILLAN, BA'20, at Montreal, on June 3, 1981.

'21
AGNES (FORD) FARNSWORTH, BA'21, at Quebec City, on June 10, 1981.
NORMAN H. FRIEDMAN, BCom'21, at Montreal, on July 20, 1981.
JOSEPH LANDE, BA'18, MD'21, at Montreal, on Aug. 1, 1981.

'22
AARON DAVIS, BA'20, MD'22, at Rochester, N.Y., on Aug. 11, 1981.
PETER EARLE O'SHAUGHNESSY, MD'22, at Montreal, on July 10, 1981.
THOMAS JAMES WELLS, MD'22, at Ottawa, Ont., on June 19, 1981.

'23
JAMES MURRAY MITCHELL, BSc'23, at Toronto, Ont., on May 22, 1981.

'24
BERTRAM W. CHAVE, BSc'24, on June 9, 1981.
A.H. SWEET, MD'24, at Vermilion, Alta., on April 8, 1981.

'25
RALPH J. CONRAD, Eng'25, on June 15, 1981.
ISABEL (SOMMER) SILVERMAN, BA'25, at Toronto, Ont., on July 18, 1981.

'26
J. HOLDEN HUTCHESON, BCL'26, at Fredericton, N.B., on July 11, 1981.
J.A. McAVITY, Eng'26, on April 22, 1981.
NOAH MILLER, MD'26, on Dec. 5, 1980.
RUPERT A. WHEATLEY, DDS'26, at Montreal, on Aug. 19, 1981.

'27
DORIS (ADAMS) KEMP, BA'27, at Montreal, on Aug. 21, 1981.
ROBERT CAMPBELL THOMPSON, DDS'27, on Sept. 13, 1981.
NORA (BERMINGHAM) TREMAIN, DipPE'27, at Toronto, Ont. on May 12, 1981.

'28
FRANK T. DAVIES, MSc'28, DSc'78, at Ottawa, Ont.
WALTER JEHU, BSc'28, at Winter Park, Fla., on Aug. 11, 1981.
C.E. LYNN MORROW, BSc'28, MD'28, on March 16, 1980.
ISADORE CYRUS RUBIN, BA'28, on Aug. 9, 1981.
Rev. FRANK H. SMYE, BA'28, at Toronto, Ont., on May 29, 1981.

'29
MARGUERITE (QUIGLEY) ARCHIBALD, BA'29, at Pointe Claire, Que., on May 5, 1981.
EDITH ISABEL FINLAYSON, BA'29, at Montreal, on Aug. 27, 1981.
Dr. RANDAL E. FITZPATRICK, BSc(Agr)'29, in October 1980.
MINA (SMITH) GRANT, BA'29, at Montreal, on July 24, 1981.
JEANNETTE (DAVIDSON) HATFIELD, BA'29, at Utica, N.Y., on Sept. 15, 1981.
LEONARD IRVING PUGSLEY, MSc'29, PhD'32, at Ottawa, Ont., on May 5, 1981.
CHARLES GEORGE WOODHOUSE SADLER, BA'29, at St. Anne des Lacs, Que., on July 26, 1981.

'30
CARL BERGITHON, BA'30, MA'31, at Montreal, on Oct. 1, 1981.
LEONARD N. BOOTH, BArch'30, at Montreal, on June 10, 1981.
MORRIS J. GROPER, MD'30, at San Francisco, Calif., on Aug. 22, 1981.
ALBERT E. HELD, MD'30, at Boca Raton, Fla., on June 28, 1981.
ELEANOR O'HALLORAN, BA'30, at Montreal, on June 20, 1981.
LEO SKAZIN, MSc'30, at Toronto, Ont., on June 21, 1981.
JOHN K. SNYDER, BA'30, MA'32, at Montreal, on Aug. 6, 1981.
ALLEN D. TEMPLE, MD'30, at Ste. Anne de Bellevue, Que., on May 5, 1981.
ERIC WHEATLEY, BSc'30, at Fredericton, N.B., on May 25, 1981.

'31
HARRY WINDSOR LEA, BSc'31, at Pointe Claire, Que., on July 4, 1981.
DAVID LEWIS, BA'31, at Ottawa, Ont., on May 23, 1981.

'32
JOHN W. BERRY, BA'32, MA'33, on Oct. 30, 1980.
ROBERT N. DICK, MD'32, on May 13, 1981.
EDWARD ELGIN MOLLOT, DDS'32, at Montreal, on Sept. 11, 1981.
JOHN THOMSON SCARLETT, BCom'32, at Hamilton, Ont., on Sept. 1, 1981.

'33
GEORGE R. LUSBY, BEng'33, PhD'33, at Montreal, on Sept. 5, 1981.
ESTHER (IRVINE) McNUTT, BSc (HEc)'33, at Montreal, on Sept. 28, 1981.

'34
GORDON L. ANDERSON, MD'34, at Sarnia, Ont., on Aug. 20, 1981.
EARL M. BLAKE, MD'34, at Sherbrooke, Que., on Aug. 23, 1981.
JOSEPH BLOOM, BSc'30, MD'34, on May 15, 1981.

'35
DELMAR K. BRUNDAGE, BEng'35, at Montreal, on Aug. 30, 1981.
GEORGE B. BONAR BUFFAM, MD'35, at Victoria, B.C., on Aug. 29, 1981.
HARLAN G. HOBBLE, BCom'35, on May 6, 1981.
Rev. AQUILA POOLE, BA'35, at Mississauga, Ont., on Aug. 30, 1981.

'36
ETHEL S. CHALLIES, BA'36, BLS'45, at Toronto, Ont., on July 11, 1981.
MARY ROBERTINE HARQUAIL, BSc (HEc)'36, at Pointe Claire, Que., on June 24, 1981.

'37
GEORGE F. ALLEN, MD'37, on April 20, 1981.
KENNETH B. THOMSON, Com'37, at Montreal, on June 20, 1981.

'38
BEATRICE (STEWART) SHAPIRO,

BA'38, at Montreal, on Sept. 6, 1981.

'39

DOUGLAS A. CAMERON, BEng'39, MEng'40, at Saskatoon, Sask., on May 26, 1981.
LEO SANCHINI, BA'39, at Montreal, on Aug. 3, 1981.
DAVID N. SOLOMON, BA'39, MA'42, at York, Me., on Aug. 4, 1981.

'41

KATHLEEN BELTON, MD'41, on Aug. 19, 1980.
A.G. GODBOUT, BEng'41, on May 9, 1981.
JEAN (REDPATH) KAY, BA'41, on Sept. 9, 1980.
ARTHUR KING, BEng'41, at Montreal, on Oct. 4, 1981.
JOHN KENNETH McJANNET, BCom'41, at Montreal, on July 17, 1981.

'42

HUGH A.G. DUNCAN, BA'37, MD'42, at Montreal, on June 3, 1981.
JOHN STEWART ERSKINE, MA'42, at Wolfville, N.S., on Sept. 18, 1981.
HECTOR A. McDOUGALL, MD'42, at North Hatley, Que., on July 1, 1981.

'43

FRANCIS X. DEVER, BA'37, MD'43, in March 1981.
JOHN ROBERT IRWIN, BEng'43, at Pointe Claire, Que., on Aug. 8, 1981.
GORDON M. KARN, BSc'42, MD'43, MSc'49, GDipMed'51, at Bracebridge, Ont., on Aug. 28, 1981.
ROBERT TETRAULT, BEng'43, at Calgary, Alta., on June 26, 1981.

'45

J. LOUIS FERGUSON, BCL'45, on Aug. 24, 1981.
H. GEORGE OTT, BEng'45, at Ottawa, Ont., on Aug. 19, 1981.
ARCHIE SILVER, BSc'44, MD'45, at Montreal, on July 14, 1981.

'46

HUBERT F. QUINN, MA'46, on July 24, 1981.

'47

KAYE (JACKSON) JOWETT, BA'47, at Montreal, on July 18, 1981.

'48

ALEXANDER T. ANDERSON, BSc (Agr)'48, at Moncton, N.B., on Sept. 3, 1981.
ROSS M. BARTRAM, BCom'48, at Victoria, B.C., on May 30, 1981.
DONALD F. COATES, BEng'48, MEng'54, PhD'65, on Aug. 19, 1981.
BERNARD GARDNER, Q.C., BA'48, on Aug. 6, 1981.
JAMES A. GILLIANS, BCom'48, on Sept. 12, 1981.
STANLEY B. HARDACKER, BSc (Agr)'48, on Oct. 28, 1980.

'49

LUISE HART BAPTIST, BN'49, at Brockville, Ont., on May 29, 1981.

'50

EARL TERRY CORNELL, BEng'50, at Montreal, on Sept. 2, 1981.
WILLIAM P. MELNYK, BA'50, at Toronto, Ont., on Oct. 4, 1981.

'51

CAMERON A. ROWAT, BCom'51, on May 29, 1981.
CHARLES MASATO YOSHIDA, BEng'51, on Aug. 27, 1981.

'52

JOHN C. GRADY, MSc'52, in 1979.
PAUL THIBAULT, BEng'52, at Montreal, on May 12, 1981.

'54

T. BRIAN CATTERILL, MD'54, at Montreal, on June 26, 1981.
WILLIAM SAI MENSAH-DAPAA, MSc'54, in July 1981.

'55

Dr. THOMAS A. JOHNSON, JR., MSc'55, on Dec. 30, 1978.

'56

JOSEPH V. BAUBLIS, MD'56, at Ann Arbor, Mich.

'57

SARAH (KATZ) KRAKOW, BA'57, at Montreal, on May 15, 1981.

'58

HARBHATAN S. SODHI, MSc'58, PhD'63, in September, 1980.

'59

Prof. PATRICK THOMAS DEEHY, MSW'59, on Sept. 4, 1981.
S. HENRI FULDAUER, DDS'59, at Vancouver, B.C., in January 1981.

'63

R. FRASER ALLAN, BEng'63, at Westmount, Que., on Sept. 13, 1981.
JERALD M. COHEN, BA'63, at Los Angeles, Calif., during the summer of 1981.

'66

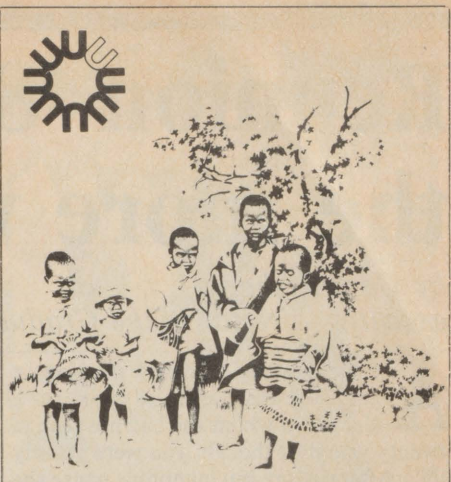
EUGENE J. ROGALA, MD'66, at Montreal, on Sept. 28, 1981.

'69

BERNARD M. TARSHIS, BCom'69, on May 25, 1981.

'71

KENNETH MYRON PIAFSKY, BSc'67, MD'71, at Buffalo, N.Y., on May 30, 1981. □



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Reunion '81: the more we get together

by Gary Richards,
executive director of the Graduates' Society

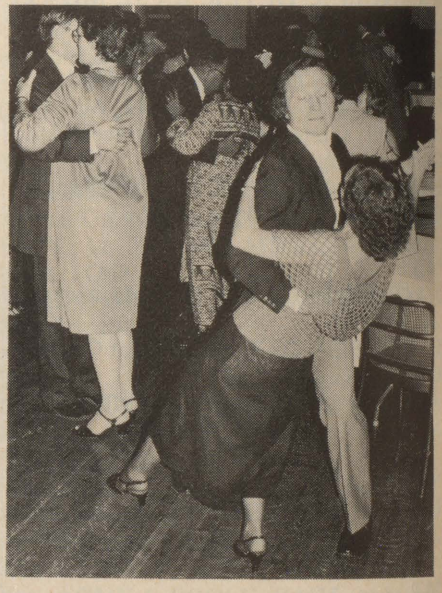
At the Society's annual meeting, a graduate was overheard saying to a classmate whom she had not seen in twenty years: "I thought you were gravely ill!" After a short, but humorous pause she added, "It must be the bloody mails."

Despite a nation-wide postal strike that threw everything out of kilter for forty days and nights, an enthusiastic group of nearly 3,000 alumni eventually found their way to McGill. They came from all over North America and such distant locations as Andorra, the Canary Islands, the United Kingdom, and Switzerland. Representing classes going back to 1916, they attended some eighty class parties complemented by a variety of special dinners, receptions, seminars, and a dance.

Principal and Mrs. David Johnston and Chancellor and Mrs. Harrington hosted many of the functions, including dinners for the 50th and 55th and over classes. Newly elected Society President Richard Pound, BCom'62, BCL'67, presided over the 25th reunion reception, and immediate Past-President John Hallward, BA'50, shared the limelight with the Principal at the 50th anniversary reception.

The annual meeting, the traditional reunion launching, drew a near-record crowd that watched some of their fellow graduates being honoured for service to the university and the Society. This year's recipients, cited by Honours and Awards Committee Chairman Douglas Bourke, BEng'49, and presented to outgoing President Hallward were: William R. Eakin, BA'31, BCL'34, Award of Merit; Joan Tallon, DipNurs'47, David Cobbett, BA'66 and Leiba Aronoff, BA'51,







Photos by Israel Charney



Harold Rosenberg



Israel Charney

MSW'71, Distinguished Service Awards; and Rita Hurley, DDS'82 and Steve Lebhar, BSc'81, Student Awards.

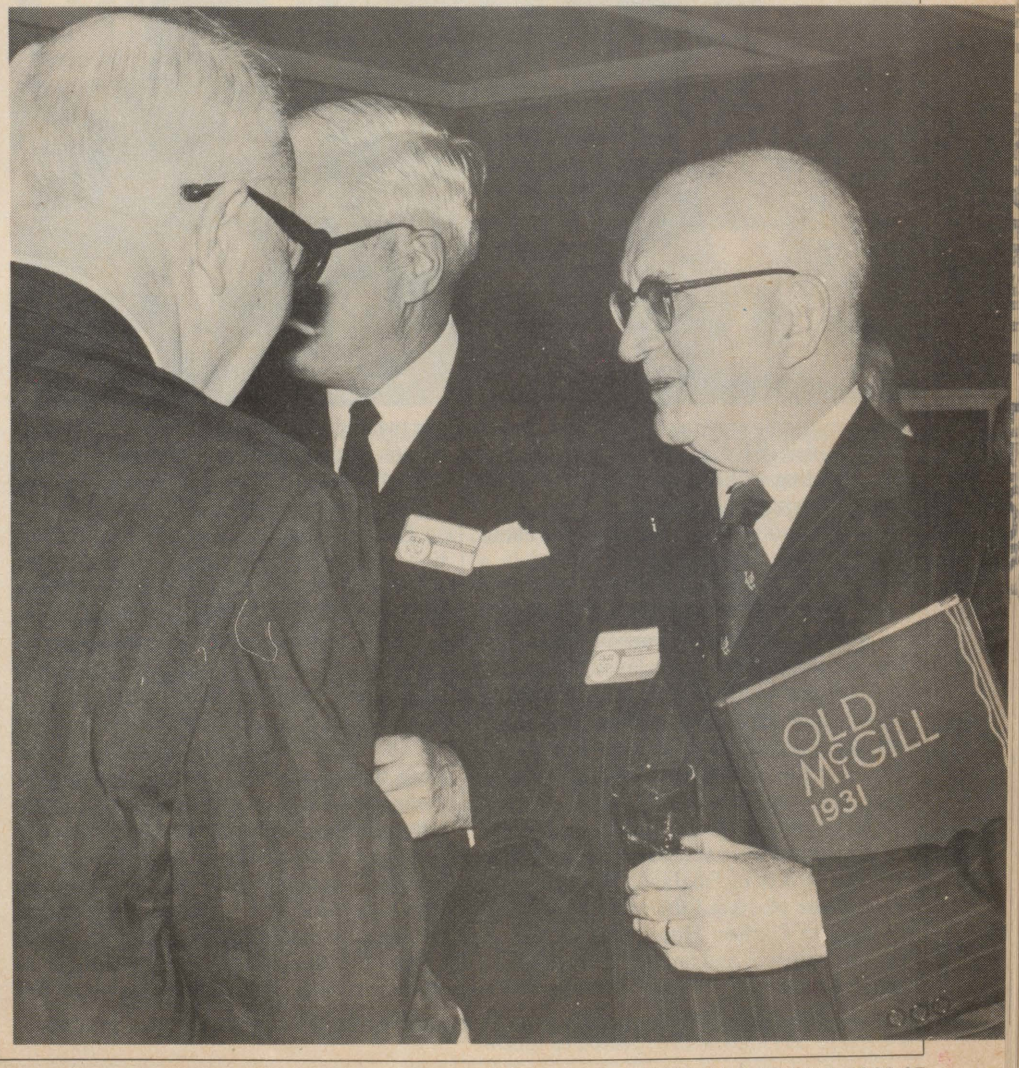
Throughout the weekend many graduates visited Martlet House, Graduates' Society headquarters and reunion information centre. Here they browsed through old year books, looked up names of classmates, and chatted with class chairmen who had defied all the problems of a mail strike to get everyone together.

Of the many successes noted by Reunion Chairman Bernie Moscovitz, BA'66, perhaps the funniest was the Leacock Luncheon, which saw Don MacSween, BA'56, BCL'61, being almost out-Mac Sweened by President Pound who introduced him as keynote speaker to the capacity audience. An equally entertaining evening was in store for those who attended the sellout dinner dance for graduates of '61, '66, '71, and '76 at the Faculty Club.

At Reunion '81, one thing was clear, McGill University and its officials have a great deal of respect for their alumni who, in turn, reciprocate with genuine loyalty and affection for their alma mater. (McGill classes with years ending in 2's and 7's are on for next year. Mark your calendar now; September 23 to 26, 1982.)□



Israel Charney



Opposite page left: Hundreds of grads converge on the Ritz Carlton for the Leacock luncheon laugh-in.
Opposite page right: Was that Ginger Rogers and Fred Astaire at the Young Alumni Dinner Dance?
Top left: Hugh Morris, MD'56, is more than happy to sign a fellow graduate's yearbook while Lillian Wright and *The Gazette's* E.J. Gordon look on.
Top right: Touring campus, many out-of-town grads get their first look at some of McGill's newer buildings.
Bottom left: Three young alumni pause as the band strikes its first note.
Bottom right: At the Principal's Dinner, E.T.H. Seely, BA'31, recalls that 1931 was a very good year.

FOCUS

Dr. Susan Butler



Visions

Frequently put on the spot, Dr. Susan Butler, BEd'59, MA'63, is used to dealing with the unexpected. During a recent visit to Vancouver she agreed, at very short notice, to talk on television about epilepsy. The programme was taped in a friend's bathroom, and she spoke from the toilet seat, which was covered with an Australian rug. It was part of a teacher-oriented television series relayed by satellite to Australia where Butler, a former Montrealer, now lives and works. University lecturer, clinical psychologist, Sinologist, artist, author, cook: she integrates all of these activities into one career.

Diversity runs in the family. Her paternal ancestors were members of the Royal College of Art in England. Her maternal grandfather plastered the ceilings of Montreal's Ritz Carlton Hotel. Her mother, a pianist, gardener, and founder of the Eastern Canadian Orchid Society, developed original strains of orchids. As an only daughter, Butler says she was expected to follow her two older brothers to McGill: "You *had* to get into McGill — you were in that environment and you just continued and never questioned it."

Once at McGill Butler opted for Education, graduating with top honours in 1959. Active in sports, she swam competitively for the university. During the summers she waited tables on the Saguenay ships, an early example of the adventurous streak that would take her around the world a decade later.

The years immediately after graduation were busy ones during which she taught, completed her master's thesis on the mentally retarded, and helped to establish the Learning Centre at the Montreal Children's Hospital. Encouraged by Sir Reginald Edwards, one of her McGill professors, whom she describes as a sort of father figure, she decided to leave Montreal to study for her doctorate at the University of London, England.

Today a lecturer in special education at the University of Sydney, Australia, Butler is interested in the problems of the gifted, the autistic, and the mentally retarded. The fruits of her research into the prediction of learning problems in children are applied in her clinical practice at Sydney's Royal Alexander Hospital, in her work with the schools, and in the inexpensive kit she has developed to help students having difficulties with reading and math. The concept is simple enough to allow parents themselves to assess the problem and choose a suitable programme for their child.

The Chinese are also interested in predicting learning problems, which may explain why Butler was invited in 1972 to join the first Australian research team to visit that country. Arriving just as Australia was recognizing China, she stood with the team in the Great Hall of the People while the official telegram was read aloud. "It was like being a fly on the wall as history was being made," says Butler, who admires the Chinese attitude towards children: "Children in China are seen as part of the whole growing process, not just possessions of their parents," she explains. "They are something you've got custody of for a few years, and then they're out in the world as human beings. If more adults and parents felt this way, they would have more respect for children and be their friends rather than just their disciplinarians."

An avid Sinologist, Butler has published a book on her impressions of China illustrated by her own photography. Her work-in-progress includes a book on Chinese cooking with recipes tested by herself and her Chinese students. During her recent whirlwind visit to Canada, she was promoting another product of her many talents and interests: a beautifully photographed teaching kit depicting the lifestyles of people in China today.

Like most successful people, Butler works hard and is well organized. Rising early each morning in her apartment overlooking Sydney Harbour, she spreads everything out on an eight-foot table and "gets to it." She often has several projects going at the same time, but will tackle one with all of her concentration, then take a break and perhaps a swim, and return refreshed to work on a different task. Speaking warmly of the network of people who support her, Butler lauds what she describes as a new camaraderie among women in Australia, especially in the academic milieu. "I think this will happen more worldwide," she says. "It's about time that women started to realize that other women are fantastic people."

Whatever the secret behind her academic success, this "whirling dervish" (as one of her Montreal friends calls her) makes it look easy. Utilizing her energy to the fullest, she makes little distinction between her academic pursuits and leisure activities and readily admits, "The university pays you for having fun." *Patricia Willoughby* □



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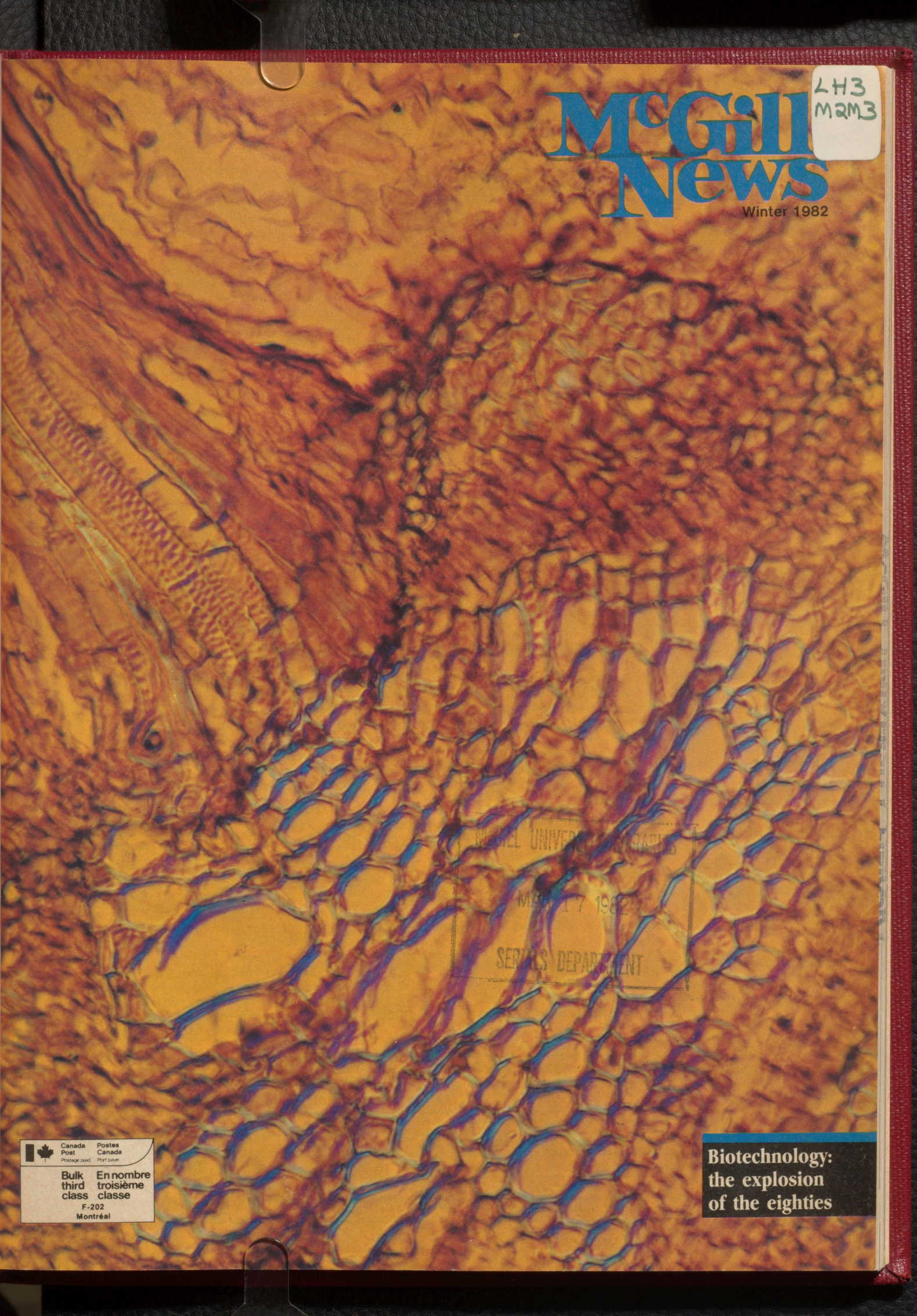
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Winter 1982



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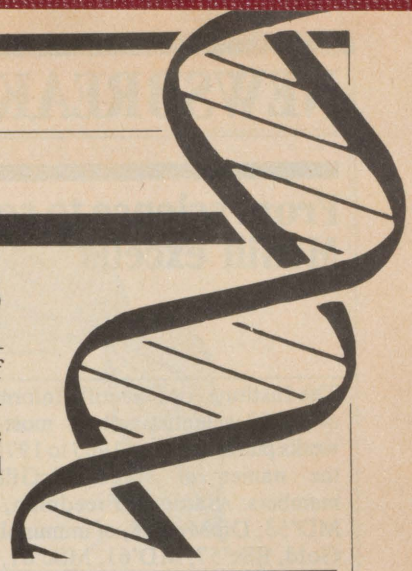
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by Alison Nesmith

Billed as the "New Industrial Revolution," a wave of advances in biotechnology has investors hopping and imaginations running wild. McGill scientists, too, are on the biotech bandwagon, discovering ways to harness the natural powers of living organisms.



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by John Goddard

Is the chador, the head-covering worn by Islamic women, symbolic of their oppression? Some Moslem women at McGill don't think so and are quick to point out that westerners completely misunderstand their religion.

Go north young man! 16
by Judee Ganten

What do nineteenth-century Quebec curé Antoine Labelle and past-premier Robert Bourassa have in common? According to McGill doctoral candidate and author Christian Morissonneau, they both gave credence to a *mythe du Nord,* the belief in a northern promised land that has helped shape Québécois society.





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by John Geeza

Teaching patients to take more responsibility for their health may seem like no big deal. But the Royal Victoria Hospital staff has set up a patient education programme that not only cuts down on readmissions, but saves time and money as well.

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Cover: McGill biotechnologists studying the nodules on a soybean root (photographed here in cross section, using the Nomarski method and magnified 400 times) may find a way to increase the world's food supply.

Photograph: Robert Lamarche, Chief Medical Photographer, Department of Biology

NEWSBREAK

From science to soccer, McGill excells

The Institute for Scientific Information list of 1,000 scientist-authors most-cited for works published from 1965 to 1978 includes the names of seven McGill faculty members: **Samuel Freedman,** BSc'49, MD'53, DipMed'58, of immunology; **Phil Gold,** BSc'57, MD'61, MSc'61, PhD'65, of oncology; **Dr. Kresimir Krnjevic** of physiology; **Dr. Charles Leblond** of histology; **Peter Macklem,** MD'56, of physiology; **Dr. Joseph Milic Emili** of physiology; and **Beverly Murphy,** MSc'60, PhD'64, of endocrinology. *Current Contents,* in publishing the names, noted, "in the vast majority of cases appearance on this list is an indicator that the person involved is of Nobel Prize class."

Honorary neuroscientist **Herbert Jasper,** MD'43, DSc'71, of the Montreal Neurological Institute (MNI) received the Society for Neuroscience's Ralph W. Gerard Prize in recognition of his outstanding contributions in the field. Another honour, the American Epilepsy Society's William G. Lennox Award, was bestowed upon neurophysiology professor **Pierre Gloor,** PhD'57, the fourth MNI staff member to win this award. The citation states that Dr. Gloor "has devoted his life to unravelling the workings of the brain to help those who suffer from epilepsy."

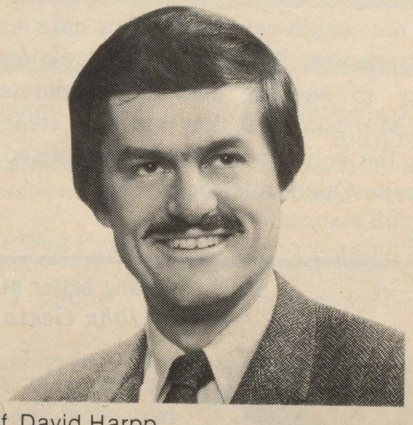
In the chemistry department, Professor **Kelvin Ogilvie** has received the E.W.R. Steacie Memorial Fellowship for 1982 – 83. Awarded annually by the Natural Sciences and Engineering Research Council to four outstanding Canadian scientists, the prize will allow Ogilvie to devote time exclusively to his research. He is working on the synthesis of RNA and investigating certain molecules that are active against herpes virus. Another McGill chemist, Professor **David Harpp,** has won the Union Carbide Award for Chemical Education from the Chemical Institute of Canada in recognition of his many efforts to give the public a greater understanding of chemistry.

At a small ceremony in December, the Consul General of France, Jean Honnorat, presented a Legion of Honour to **Dr. Maurice Dongier,** director of McGill's department of psychiatry.

Emeritus professor of meteorology and physics, **Dr. J. Stewart Marshall,** one of the founders of the field of radar meteorology, received the American Meteorological Society's award for Outstanding Contribution to the Advance of Applied Meteorology.



Soccer Redmen in action



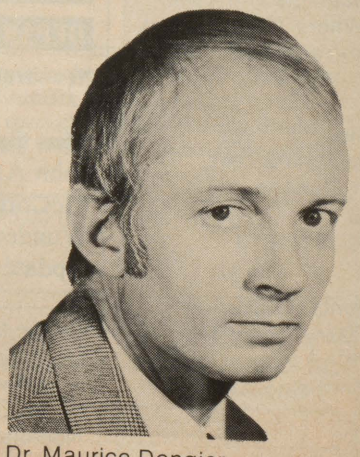
Prof. David Harpp

Faculty members aren't the only people bringing recognition to the university. Fourth-year law student **Pierre Legrand** has become the eighth McGill student in the past four years to obtain a Rhodes Scholarship. Legrand will go to Oxford next year and says, "I intend to write a doctoral thesis, a comparative study of common law and civil law in the area of contracts."

At the 2nd Annual Management Achievement Awards Luncheon, held at Montreal's Chateau Champlain Hotel in February, McGill's Faculty of Management honoured four business leaders for their promotion of Canadian business, outstanding personal success, and contribution to community affairs. The award winners were: Chairman and Chief Executive Officer of Honeywell Ltd., **Rod Bilodeau,** BEng'48; Chairman and Chief Executive Officer of Stelco Inc., **J. Peter Gordon;** Chairman and Chief Executive Officer of Domtar Inc., **Alex Hamilton,** BEng'40; and Chairman and President of Noranda Mines Ltd., **Alfred Powis,** BCom'51.

As the "Year of the Disabled" came to a close, concerned students organized Access McGill in an effort to make this campus more sensitive to the needs of handicapped students. While pinpointing areas on campus that need physical changes the group also sent letters and posters to high schools and CEGEPs urging their handicapped students to find out how accessible McGill could be to them.

For the first time since 1960 one of McGill's major intercollegiate teams — the **Soccer Redmen** — has won a Canadian university championship. The momentous victory came about in Edmonton where the Redmen beat the University of Alberta Golden Bears in a tense game that finished 1 – 0. □



Dr. Maurice Dongier

WHAT THE MARTLET HEARS

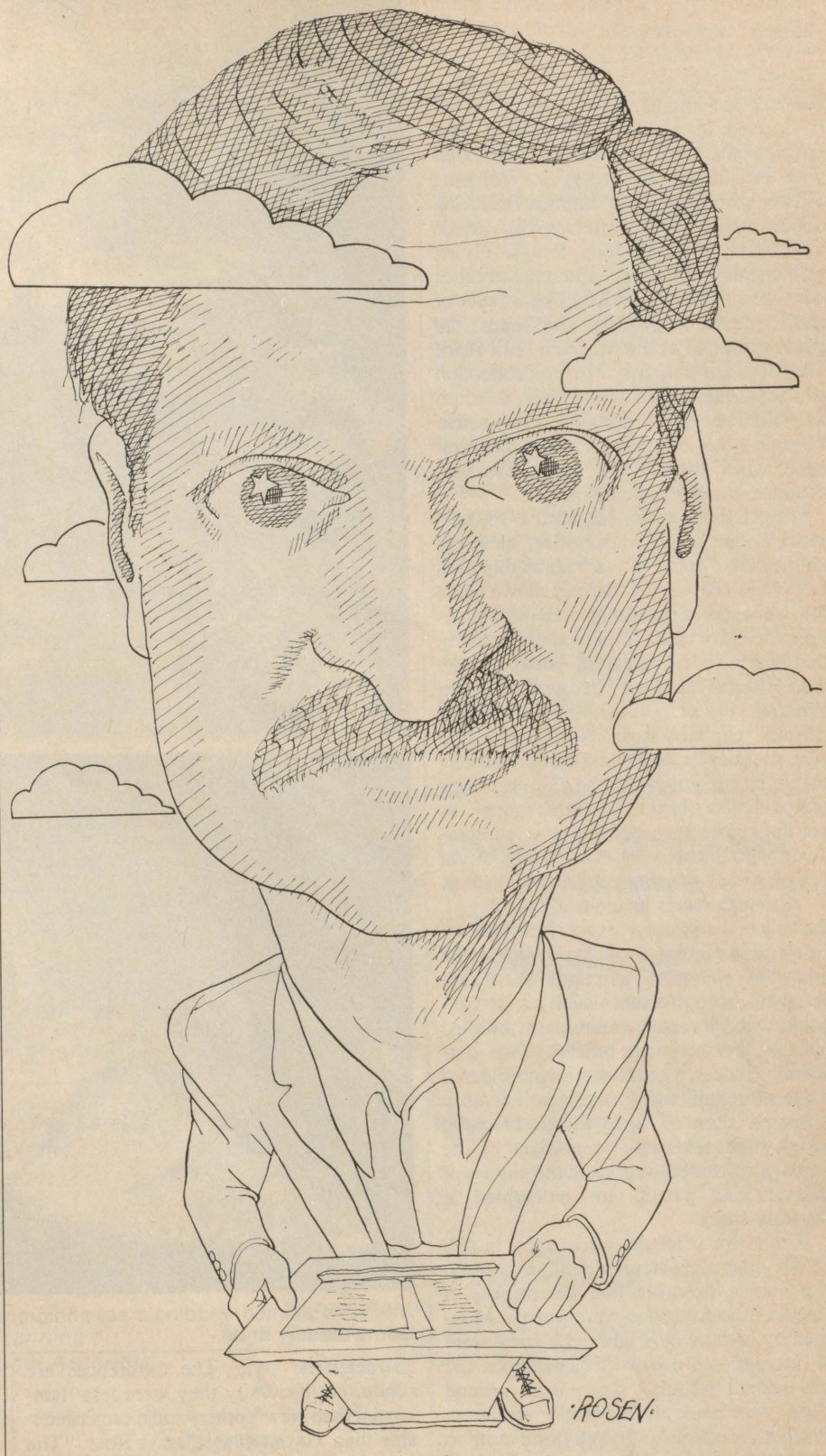
John Ashbery: the Samuel Beckett of poetry

The posters of the McGill lecture series sponsored by Consolidated-Bathurst had advertised a talk on modern poetry to be given by the well-known New York poet John Ashbery, on 2 November 1981. But English Professor Louis Dudek, BA'39, after delivering an unconventionally homey introduction, told the audience of four hundred that instead of presenting a lecture, Ashbery would read from his own poetry. When the poet confessed, in response to a question after the reading, that he had lost both interest in and contact with the present-day poetry scene, people wondered whether or not the tentative topic, "Modern Poetry," was an assigned one he had failed to prepare.

As Dudek suggested, Ashbery's influence is important in the type of poetry being written and, until recently, published in Montreal. There seems to be an assumption that the poetry Ashbery writes is head-and-shoulders above the work of other writers. But he was neither aware of his impact in Montreal, nor surprised to hear about it.

One wondered whether he was even aware of his audience, the smallest one of the five-lecture series that also featured Edward Albee, Mary McCarthy, Mavis Gallant, and Cyril Cusack. Ashbery's reading, mainly from new unpublished work, stuck to the text. He told no anecdotes, made no asides, was short and, some felt, even rude with several people who afterwards asked informal questions of the man who seemed to have been saying that all questions were either self-evident or outside his domain.

The laughing matter was contained, in fact, in the reading itself. Three-quarters of the time was taken with the reading of a barroom masque inspired by the Elizabethan poet Thomas Campion and composed while Ashbery was convalescing from an illness last winter. Everyone from Little Boy Blue to Walter Cronkite seemed to have a place in this long prose piece; what they were wearing, described as though from a fashion catalogue, seemed to be the most significant thing about them. Fans of Ashbery, one would expect, were delighted by this ludicrous, lugubrious pageant. (The audience, however, made no sign.) Statements such as, "Terror or tedium sets in – it's hard to tell which," dropped from him like warm honey, but the continuous flow of the reading diffused the impact of their strangeness.



David Rosen

Ashbery might well deserve to be called the Samuel Beckett of poetry because of his predilection for the absurd, and his followers seem willing to honour him as such. But however highly they esteem the work, they are bound to be confused by the man himself. Poles apart from the Beat subculture, he wears an unruffled suit, makes no comments on the outside world, and maintains a territory of privacy, even when facing a crowd of listeners. It is this, the sophistication of Ashbery, that deceived those who may have come expecting another Edward Albee. *David Tacium* □

The McCord's fantastic fashion show

Below a McCord Museum mannequin that is dressed in a nineteenth-century pink gown, a card reads: "Scholars like to point with satisfaction to Professor Wolfgang Kohler's observation of chimps frolicking about, ornamenting themselves with various vines and other hanging things. Given ribbons, they wind them about their bodies with great enjoyment." An extravagance of tucks, pleats, lacey-frills, and beads, the gown exhibited at the Museum until April 18th in their *Fantasy of Fashion* collection well illustrates man's innate desire to adorn and often magically alter his appearance. "Fantasy has long been a part of peoples' need when they dress," says Museum costume curator Jackie Ross.

Selected from the McCord's 10,000-piece collection of accessories, clothing, and jewelry, many of the fashionable artifacts have not previously been shown and a few were recent donations. "In our collection, there are items of outstanding quality that were never exhibited because they didn't fit a theme. Once I had gathered them together, I was able to find a common thread," explains Ross. Not intending to pun, she goes on explaining that the fantasy theme in the context of the exhibit means that which is "ornate or extravagant," as are the numerous evening gowns, sumptuously ornamented with delicate floral designs, precious metals, and exotic feathers.

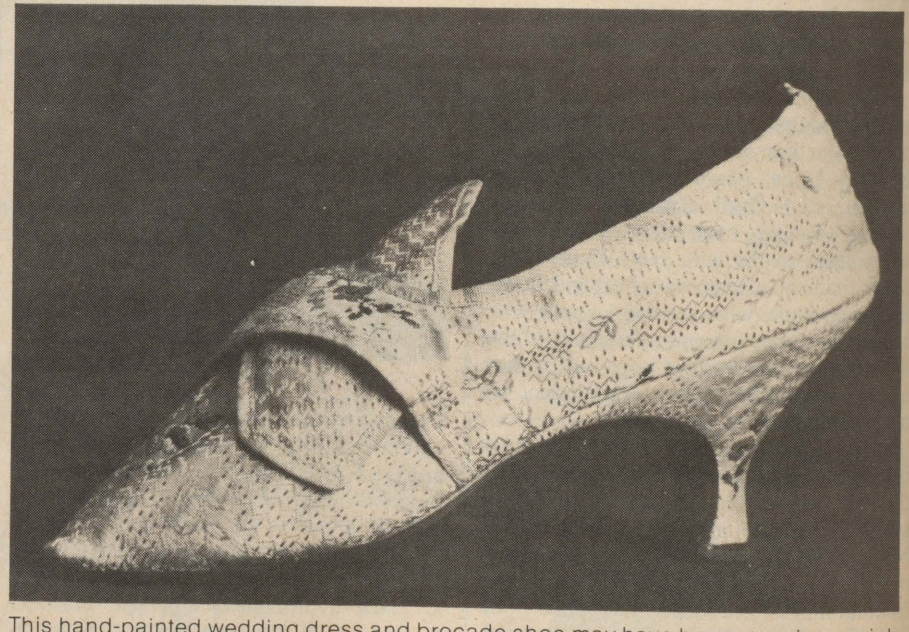
Although men's fashions are displayed, the bulk of the exhibit is devoted to women's Edwardian evening wear. In addition to the array of elaborate garments there are colourful accoutrements such as pocketbooks with Florentine embroidery, jewelled buckles, corsets, and bustles. Two outstanding pieces, a gentleman's embroidered white satin muff and an eighteenth-century woman's shoe of hand-woven brocade, which might otherwise be upstaged by the yards of silk taffeta skirts and the plumes of peacock and parrot, are spotlighted in separate cases.

Until dress labels were used in the 1870s, couturiers were difficult to identify. It is known, however, that the majority of pieces in the collection were worn in Montreal by Montrealers, although some were of international origins. For example, the silk-painted wedding dress from around 1763 was made from fabric woven in England, sent with an Indian floral motif to be painted in China, and returned to England to be fashioned into a gown "à la française." It is also known that many wealthy Montreal women shopped for clothes in Paris and London, but they had a style of their own. "Although most exhibitions of western dress from any given period appear superficially similar, Montrealers did have a characteristic style. The differences are subtle, but generally they were less flamboyant than New Yorkers and more fashionable than Torontonians," says Ross. "The muted colours seen at this exhibit are the result of an English influence."

Judging from favourable reviews and the public's enthusiastic response, Ross terms the exhibit a success. "People relate to it very easily," she explains. "It is sensual and direct rather than an academic exploration of the evolution of style."

As such *The Fantasy of Fashion* has helped give the McCord costume collection more public exposure. Started in 1957, it is the second-largest accumulation of fashionable dress and accessories in Canada, 99 per cent of which were donations. Stressing that she is always on the lookout for new contributions, particularly from the 1930s and 1940s, Ross adds, "We are anxious that more people know that we have a unique collection, and that it belongs to McGill." *Judee Ganten*□

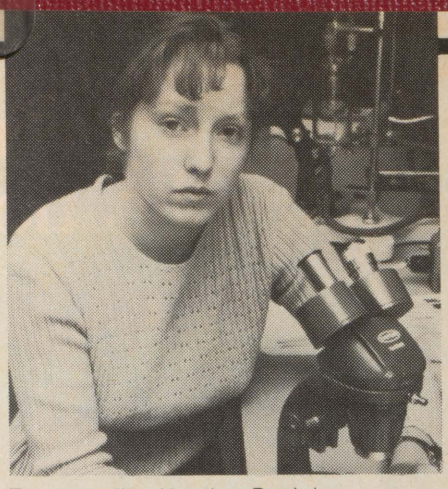




Notman Photographic Archives

This hand-painted wedding dress and brocade shoe may have been worn by an eighteenth century bride.

Wunderkind attacks common cold



Teen prodigy Heather Peniuk

Harold Rosenberg

"My mother was always mad at me because I was continually making messes doing scientific experiments," says Heather Peniuk, the first-year McGill science student who claims to have discovered a cure for the common cold. At an age when most little girls are helping their mothers in the kitchen, Peniuk was working with her chemistry-teacher father in their basement laboratory. After a couple of years, she was asking questions for which there were no answers and realized that she would have to conduct her own experiments in order to find them.

As her work became known in her hometown of Winnipeg, Peniuk was invited to use the laboratory facilities at the University of Manitoba. Finding that the common cold virus cannot propagate in an acidic medium, she developed a substance that controls the pH level of the nasal mucous tissue. The nasal mucus is normally acidic; however if it becomes alkaline, as for example when a person is exposed to psychological stress or is in contact with somebody suffering from a cold, then the virus will begin propagating. Peniuk's medium will act as a preventive measure, rather like the morning-after pill. It will only work if used within two days of the appearance of the cold symptoms.

The eighteen-year-old scientist hopes to conduct clinical tests next summer before patenting her cure to ensure that people will have access to it. Influenced by the career of Marie Curie whose work she read at an early age, Peniuk is idealistic about the application of scientific research, believing that its goal should be to help people rather than make the individual scientist famous. "Everybody should be afraid to die until they've done something that will mark their presence," she states.

Thinking of herself as a scientist first and woman second, Peniuk concedes that it may be an advantage being female at a time when women are coming into the field in greater numbers. She anticipates working for the rest of her life: "At this point I couldn't imagine putting aside my career for someone else," she says. Citing the case of her mother who gave up ten years of prime time in her own career as chartered accountant to raise her children, Peniuk concludes that she would prefer to do something in science to help humanity rather than raising a family.

She, nevertheless, admits to the solitude of working alone. But the international recognition that she has won has offset her solitary research, making her a part of the world-wide scientific community. Recently travelling to Egypt, she attended the Thomas Edison birthday celebration as part of an award from the Edison-McGraw Foundation. Accustomed from an early age to being different from other kids, Peniuk still felt strange being the only woman among twenty-five international students in attendance.

At McGill since September, Peniuk finds that living in residence requires some adjustment in her work habits. She confesses that at home she might often have stayed up two or three nights in a row when she had become engrossed in her own research. But now she must remain afloat among the four hundred other students in first-year chemistry: "I know if I want to go on in research, I have to do well in my university courses. And because of my ambition, I know I'll be able to get through," she adds. *Patricia Willoughby*□

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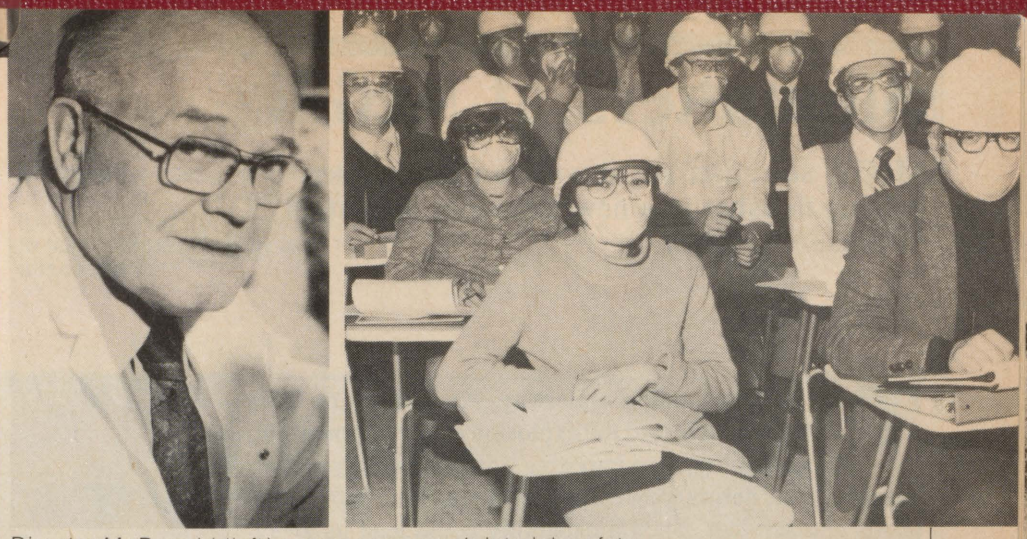
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Update: Institute of Occupational Health and Safety



Director McDonald (left) oversees research into job safety.

After the late afternoon turmoil of traffic jamming Pine Avenue, the lecture rooms on the first floor of the Institute of Occupational Health and Safety (IOHS) seem large because of their emptiness and quiet. Climbing to the second floor, one finds Institute director Dr. Corbett McDonald at work in a bare-walled room, back-lit by frost-covered windows. Energetically thoughtful, he gives the impression of someone at a crossroads, intent on the beginnings of a venture.

"We have to go slow in some areas until we get more staff. We have three senior vacancies at present. And we can't do anything until the laboratories are moved in from Mont St. Hilaire," says McDonald, further explaining that the IOHS is in the process of leaving the Faculty of Engineering's Institute of Mineral Industry Research on the south shore for the main campus of McGill. This relocation was stipulated by McDonald in his agreement to step down from the directorship of TUC Centenary Institute of Occupational Health, University of London, England, to return to McGill where he had served as chairman of epidemiology and health from 1964 to 1973. He was also awarded increased financial support from McGill, which will enable the IOHS, for the first time, to install a nuclear staff in their new headquarters at 1130 Pine Avenue. "This location, I hope, will be relatively permanent," he says, adding that their new labs in the Frank Dawson Adams Building will be ready by June. "A minor problem," he continues, "is that we will be split apart on either side of campus; we will still need more space for research."

Research, often interdisciplinary, is one of the Institute's primary objectives, and one such project will be a study of how mineral particles, fibres, and vapours in the work place cause disease among workers. With the combined facilities of the IOHS and the mining engineering and geology departments, researchers will have "one of the strongest build-ups of electron microscopic facilities in North America," enabling them to inspect human tissues at autopsy to identify what minerals are present. Other research plans involve studying the psychological factors that affect the use of safety equipment and behavioural tests to determine the subtle effects of solvents and other neurotoxic substances. Currently, IOHS researchers are examining air quality in the Eastern Townships, environmental conditions in aluminum smelters, and health surveillance of asbestos workers.

To ensure that there will be specialists qualified to conduct further research, graduate teaching is an immediate priority at the IOHS. With sixteen students already registered in the occupational hygiene diploma programme, McDonald plans to offer a second diploma in occupational health for physicians, graduate nurses, and the like that would deal "with the more personal side of health." And eventually MSc and PhD options will be available, "involving essential collaboration with the department of epidemiology."

Concentrating increasingly on research and graduate teaching, the Institute will as well continue to work for society. "We'll do our best to serve needs in the province, but we hope to make our mark more widely," says McDonald. And already, through its efforts to provide graduate training, the IOHS is responding to a provincial dearth of occupational health experts. According to a 1979 province-wide edict, health departments in hospitals such as the Montreal General Hospital that serve communities of some 250,000 people, must now develop occupational health units. "The province needs several times the number of people currently available to staff these preventive health services," says McDonald, who thinks the IOHS will be able to help fill this vacuum with well-trained personnel.

Also in keeping with the Institute's three-fold plan to serve government, industry, and society is their project to develop methods for the establishment of a team for the early detection and rapid evaluation of occupational hazards. This will be a trailblazing effort that has not as yet been systemitized by anyone, says McDonald, who seems only too glad to initiate it through the IOHS. "After all," he concludes, "it's our duty to be available and to make an immediate impact!" *Charlotte Hussey*□

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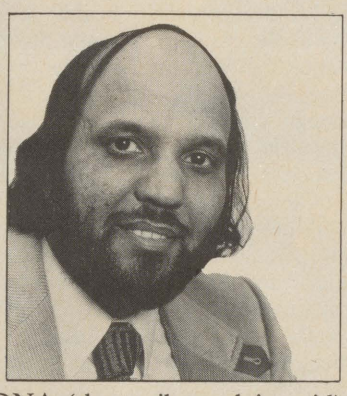
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Biomatters at McGill

McGill scientists are at work on the frontiers of biotechnology, helping to usher in a new industrial revolution
by Alison Nesmith

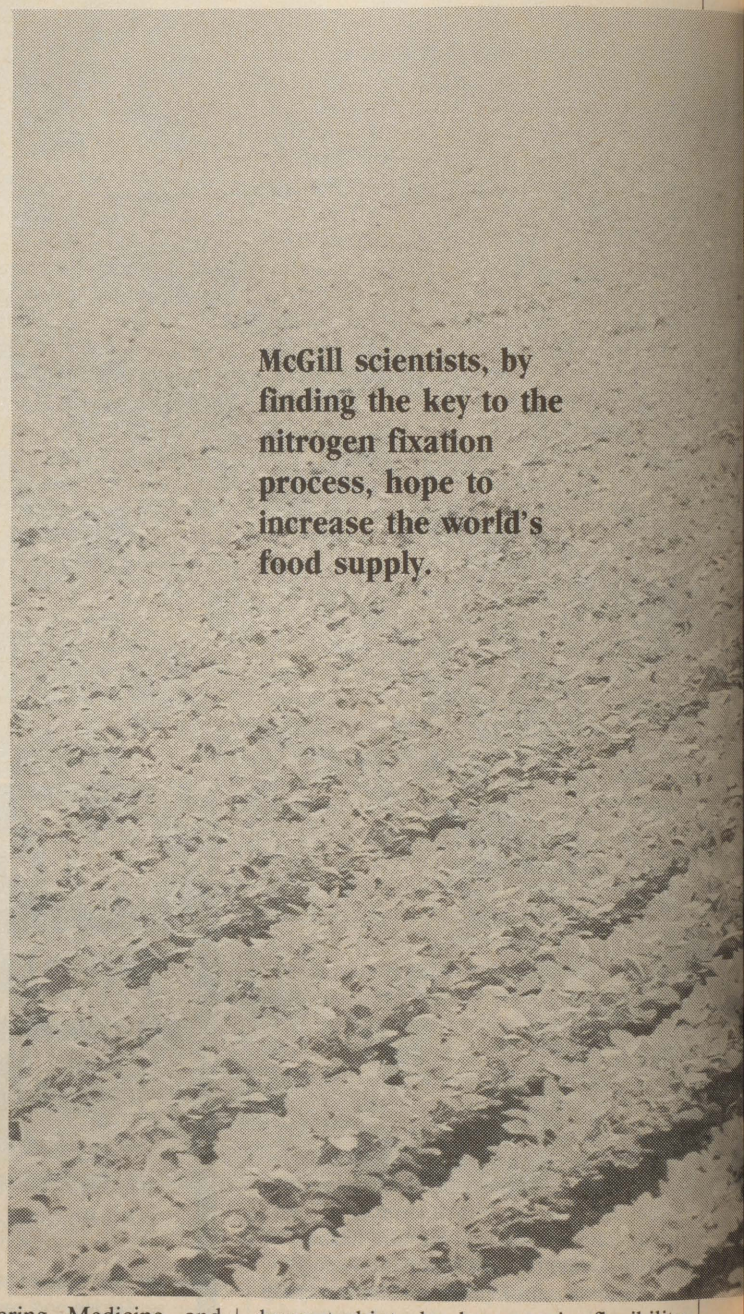
There's a revolution underway. At least that's how some people regard the explosion of developments in biotechnology – an imposing word that simply means harnessing the natural powers of living organisms to produce goods and services. Such a capability could lead us away from our dependence on non-renewable resources to an era in which microbes could supply much of our energy.

Man has long been aware that microbes can change sugar into alcohol. For many years he has used fermentation to process foods or to detoxify human and animal wastes in sewage systems. Recently, scientists have discovered that bug-power can also be applied in agriculture, forestry, energy, pollution control, medicine, the chemical industry, and mining as well.



Rick Kerrigan

The event that triggered widespread interest in biotechnology was the advent of gene splicing, the process through which a strand of DNA (deoxyribonucleic acid) from one gene can be combined with the DNA of another to form recombinant DNA — a kind of hybrid gene that will pass its new characteristics onto succeeding generations. Gene splicing allows scientists to endow certain organisms with new abilities. A good example of this can be seen in bacteria that have been altered using recombinant DNA techniques to produce "human" insulin. Excited by these scientific advances, government and industry are investing much time and money in exploring the capacities of various microorganisms. Given the thousands of magazine articles devoted to the subject, the burgeoning of biotechnological corporations, and government's attentiveness, it appears that the eighties will be the decade of the bug, just as the seventies was the decade of the microcomputer.



McGill scientists, by finding the key to the nitrogen fixation process, hope to increase the world's food supply.

Biotechnological research had begun at McGill long before biotechnology became a media buzz-word or the object of Wall Street speculation. But as interest in the field intensified, the university began to bring these hitherto unrelated research efforts into focus. According to a recent Ministry of State for Science and Technology (MOSST) task force report, one of Canada's priorities in promoting biotechnology will be to strengthen the concentration of resources in laboratories across Canada. Obviously universities have a vital role to play here and, recognizing this, McGill established a Biotechnology Research Group in 1980 with representatives from Agriculture, Engineering, Medicine, and Science.

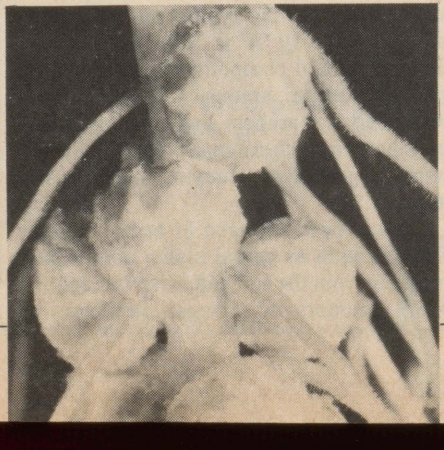
One of the Group's objectives is to facilitate interdisciplinary study since biotechnological research depends on knowledge gathered from a range of disciplines. It is not enough, for example, to understand the biological characteristics of microbes that leach minerals from the soil. One must also possess the engineering know-how to design a way to use these microbes for cleaning industrial waste. Thus, students drawn to biotechnology require flexibility in their choice of subjects. Group chairman, Professor Ron Neufeld, BSc(Agr)'73, describes the problem these students face: "They can take a programme in biology, chemistry, biochemistry, or engineering, but they have very little opportunity to intermesh these disciplines to really reflect the true nature of biotechnology." Consequently the Group plans to set up an undergraduate minor in biotechnology.

But it will take more than this to establish

Dr. Desh Pal Verma (left) is investigating the root nodules of soybean plants (bottom) to find the genes that allow them to take nitrogen directly from the atmosphere.



the interaction upon which biotechnological research depends. As Neufeld points out: "The way our universities are structured, it's very difficult to carry out this type of research. We have heavy-duty walls built up around our disciplines, and sometimes it's difficult to break them down. It's hard to interact if you don't know what the other people are doing." Another of the Group's endeavours, then, has been to encourage an exchange of information and to get people from different university departments, government, and industry together. An assembly of this sort took place in October with a symposium, organized by the biology department's Genetic Manipulation Research Group,entitled "Biotechnology at McGill." Here, the founder and chairman of Cetus Corporation, Ronald Cape, PhD'67, talked on "Biotechnology: The New Industrial Revolution," presenting an alarming view of Canada's lack of progress in this area. The symposium also provided an opportunity for five of McGill's bio-



technologists to explain certain aspects of their research.

The term biotechnology covers a vast area. Even within one research team — the Biochemical Engineering Group — there are many avenues being explored. With salt-stained construction boots placed in the corner of his office, complementing his beard and wire-framed glasses, Neufeld outlines the three main focusses of this group's work. In one branch of their research they are investigating the ability of a microbe to take up metals from solution — a natural phenomenon that Neufeld says is already being used in many places by accident: "Mining and smelting operations that contain toxic metals in their waste water may discharge this water into settling ponds or lagoons and when it comes out the other end the metals have magically disappeared. The biomass — which includes anything from the bulrushes to algae, bacteria, and other microbes growing in the pond — is very effective in scavenging the metals from the solutions." Neufeld and others in this group are seeking ways to use these metal-eating microbes in industry, to clean radioactive elements from nuclear wastes, for example.

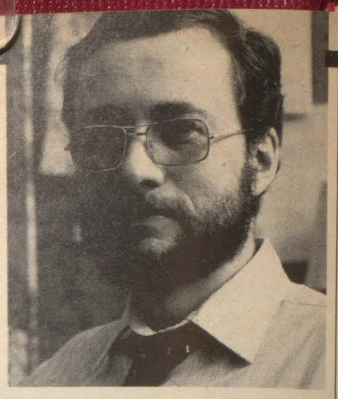
The Biochemical Engineering Group is also experimenting with fermentation as a means of producing fuels and industrial solvents, an option that is becoming more economically attractive as non-renewable energy costs rise. To make this form of microbial activity more effective, they are trying to provide for continuous fermentation instead of the expensive batch-by-batch approach that was a source for both fuel and solvents during World War II. To further perfect this technology, they are designing computer-regulated bioreactors in which to carry out the new fermentation process.

Surfactants, surface-active compounds, are vital to many industries. They may be used to thicken your yogurt or enhance the recovery of oil from oil wells. In comparison to synthetic surfactants, those produced by microbes are much less likely to be toxic, are inexpensive, are readily biodegradable, and may be quite viscose. Therefore, in its third area of research, the Biochemical Engineering Group is investigating the surfactant-producing capabilities of different microorganisms.

Although its boosters speculate that biotechnology will eventually accomplish miracles that range from curing hereditary disease to supplying cheap car fuel, many of the marvels they describe are, if not impossible, at least years of painstaking research away. This fact emerges clearly after listening to one of McGill's most prominent biotechnological researchers, biologist Dr. Desh Pal Verma, a founding member of the Genetic Manipulation Research Group.

Overlooking the snow-covered courtyard of the Stewart Biology Building, Verma's office is filled with symmetrically arranged papers and orderly shelves of journals. The sheer volume of the printed matter and the meticulous way it is kept suggest the dedication and competitiveness that have placed Verma among Canada'a most respected researchers and have won him membership in that "inner circle" of international scientists studying nitrogen fixation.

Plants need nitrogen in order to grow. Species such as cereal plants obtain their nitrogen from the soil and, to thrive, require great amounts of nitrogen fertilizer, an increasingly expensive commodity. But certain plants — legumes — obtain nitrogen through microorganisms living in their roots that "fix," or convert the substance directly from the atmosphere. Verma and a team of fourteen researchers are trying to find out what genes these plants need in order to maintain this symbiotic relationship with the nitrogen-fixing organisms. In almost eight years of research, the most important discovery they have made is that the process is very complex. While they have isolated 3 of the genes responsible for the plant's tolerance for nitrogen-fixing microbes, Verma estimates there are actually 30 to 40 genes involved. Even after all the genes are understood, self-fertilizing grain crops, a huge benefit to the world's food supply, will remain a thing of the future. As Verma explains, "Once you have isolated these genes you devise a suitable vehicle that can carry these genes to a plant cell that doesn't have them. There are a few labs around the world nibbling on that technology, but it's in a very infantile stage. Once there is some breakthrough in that direction at least we will have the genes ready to be put on that vehicle."



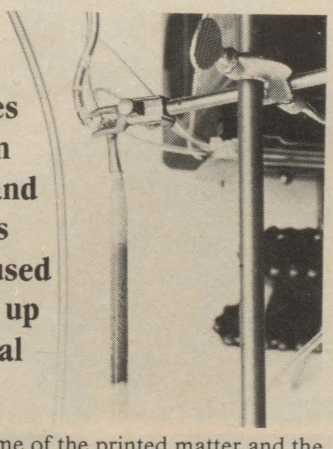
Rick Kerrigan

Dr. Ron Neufeld's (right) research group is perfecting this metal-absorbent column of fungus beads (bottom).



Rick Kerrigan

Metal-eating microbes found in ponds and marshes can be used to clean up industrial waste.



Neufeld and Verma are only two of several McGill experts working on the frontiers of biotechnology. Others making equally exciting discoveries also spoke at the symposium. They were Thomas Chang, BSc'57, MD'61, PhD'65, director of the Artificial Cell and Organs Research Centre; Dr. Alan Watson, who is experimenting with weed control by biological herbicides in the plant science department; and Dr. Kelvin Ogilvie, a chemist whose knowledge of DNA and RNA helped to create a DNA/RNA synthesizer — the so-called gene machine.

While this build-up of biotechnological activity at McGill suggests that Canada is making great strides in the field, some researchers feel federal policies are thwarting nationwide initiatives to develop biotechnology. In their February 1981 report the MOSST task force apprehensively noted that Canada's future industrial growth would depend on being able to match the biotechnological expertise of other countries. Recommending that the government spend $500 million over the next decade the task force warned, "Unless Canada is successful in developing and maintaining a biotechnological industrial capacity, our competitiveness in energy, mining, forestry, food, and agriculture will erode." Some people feel this decline has already begun.

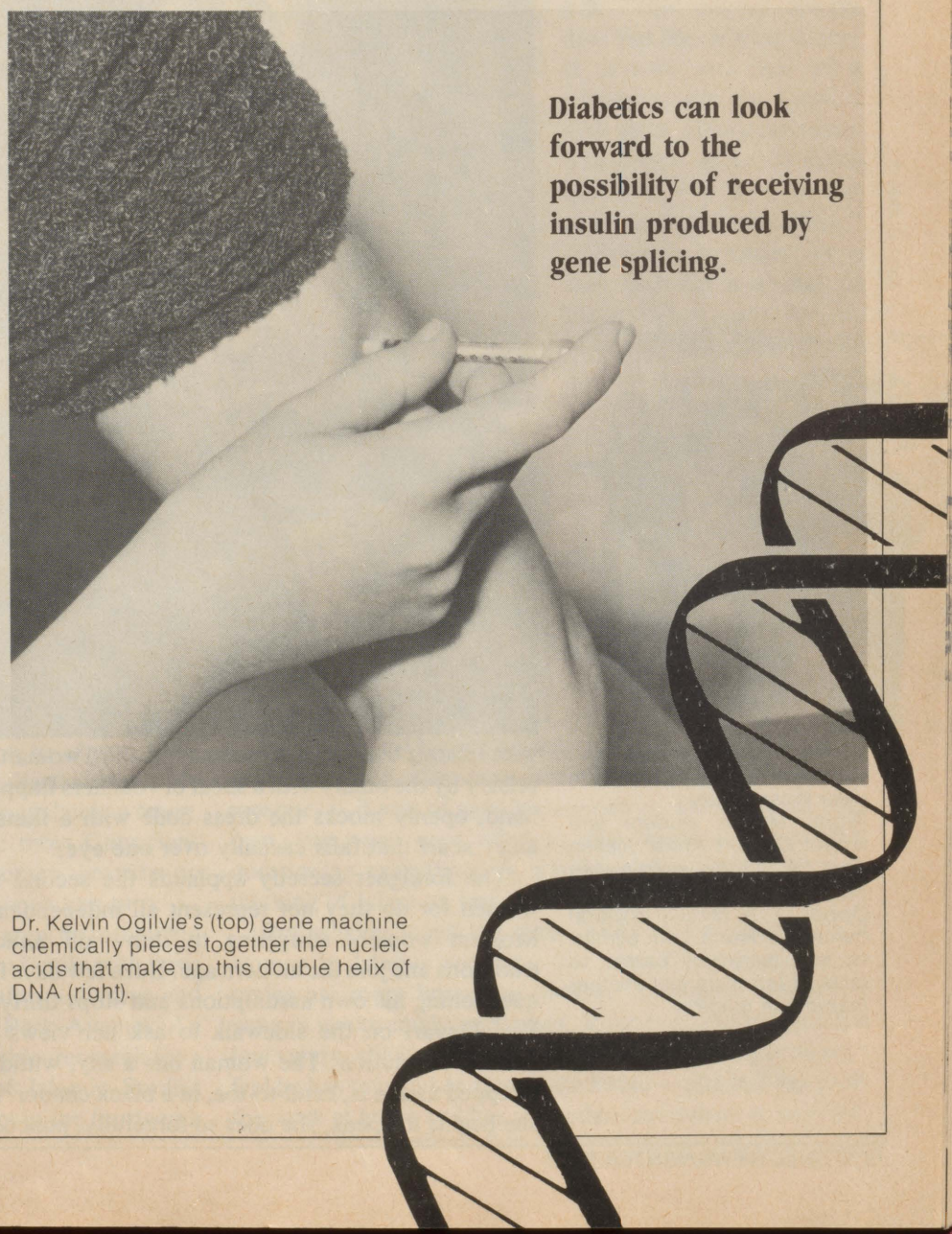
Cape told those gathered for the October symposium that the growth of biotechnology was "a bandwagon that's taking off and Canada isn't on it." In his view our government hasn't the sense of adventure or the penchant for financial risk-taking required to get this type of industry, which demands huge investments and offers no guarantees, off the ground. Verma agrees with Cape's assessment of the Canadian scene: "I fully support every statement that he made. The government is realizing they have made some mistakes that they're now trying to overcome. But they're not brave enough to step forward and develop unique strategies that will really get them somewhere." Verma believes that $500 million may indeed be enough money to improve that state of biotechnology in Canada, but he thinks the government's method of spending the money is wrong. "We distribute limited resources so thinly that it has no impact: we still fund 80 per cent of the people. How can you think that of 100 applicants, 80 are worth funding?"

Despite the general reluctance in this country to gamble on biotechnology, there have been some commercial ventures. One of these very few biotechnology firms is Bio Logicals, the company that started renting lab space at McGill in the spring of 1979 and hired Dr. Kelvin Ogilvie to develop the chemistry for a gene machine. Ogilvie is very patient in explaining their invention. First, he describes a gene: pushing coloured beads — black, yellow, red, and blue — along a string, he points out that genes, which are strands of DNA, are molecules made up of four major components, the order of which determines the nature of the gene, whether it be the gene for curly hair or the growth of human heart tissue. The gene machine attaches one of these four components to a grain of sand then adds a specified reagent that will cause the next desired unit to lock into the DNA chain. On a keyboard attached to a computer, the machine-user types in the series of reactions required and sits back while the machine pieces together the strand. A final reagent removes the gene from the sand allowing the researcher to use it as desired — to fashion insulin-making bacteria, perhaps. As Oglivie says, "The synthesis of DNA molecules is a key element in any biotechnology firm."



In spite of the demand for these synthesizers and the fact that the Bio Logicals model was a fully automated machine unlike others on the market, the young company had difficulty raising money in Canada. They obtained early funding from Canadian investors, but as the stakes became higher, they were forced to go to the United States: the firm is listed on the American stock market, but not on the Canadian. Ogilvie believes that only a change of attitude in Canada will save other firms from similar frustrations.

He also says that heftier government funding for basic research and better investment incentives would boost the industry, enabling Canada to benefit from a unique situation. As he sees it, "In biotechnology, the industrial applications are there almost as soon as a new discovery — a breakthrough in terms of how we can use biomatter — is made. And that's a rare kind of coincidence." And an opportunity that Canada mustn't miss. □



Diabetics can look forward to the possibility of receiving insulin produced by gene splicing.

Dr. Kelvin Ogilvie's (top) gene machine chemically pieces together the nucleic acids that make up this double helix of DNA (right).

Courtesy of the Montreal General Hospital

Looking beyond the veil

Islamic students at McGill talk about the place of women in their religion

by John Goddard

The tellers at a Tehran bank provide interesting watching for a foreigner killing time at the counter. One female teller is wearing a drab brown shroud masking the back of the neck, ears and most of the forehead — everything, really, except the serious, dutiful set of her eyes and mouth. The woman next to her wears similar headgear but with contempt — well back on the head, allowing long, dark curls to tumble where they may, in full public view, not exactly abiding by the law of the Republic of Iran that requires women to cover their heads in keeping with Islamic teachings of modesty. A third woman, stepping briskly by the others with a sheaf of vouchers flapping in one hand, openly mocks the dress code with a flimsy, black, lacey scarf that falls casually over one eye.



The foreigner secretly applauds the second and third women for do they not represent all independent-minded Moslem women, struggling to throw off anachronistic traditions and join the modern age? But a few days later, he is questioning his own assumptions and stops thirty-year-old Pari Davari on the sidewalk to ask her views of Iran's Islamic revolution. The woman has a shy, withdrawn air, wrapped as she is, head-to-toe, in a black chador. But when she begins to speak, she does so forcefully, punctuating her

John Goddard



Above: Egyptian men and women at the Suez Canal both wear loose robes.
Right: McGill student and recent convert Anna Snellen says, "Wearing a scarf makes me conscious of Allah."
Opposite: A McGill doctoral candidate Huda Lutfi admits, "It was extremely painful to think of Islam as just another man-made religion."

Many Islamic women students at McGill agree that they cannot look to the West for a model of feminine liberation.

remarks with gesticulations from beneath the garment, making it clear the Islamic way of life suits her fine and that she looks to the revolutionary leader Ayatollah Khomeini for guidance. "He lives a simple, humble life; compare it to the ostentatious life of the Pope," she advises.

While it is easy to pick out head-covering as a symbol of how Islam oppresses women, it can be misleading to do so. The two bank tellers, growing up in the city at the time of the Shah, are used to Western-style clothes and resent the re-imposition of more modest, traditional dress. Others such as Davari are as strongly contemptuous of the sometimes scanty clothes of Western women and prefer traditional garb. Moslem women, including some at McGill, who think seriously about their status look beyond the veil. And those at McGill find themselves with the dual problem of disapproving of those tenets of the faith that discriminate against women while defending Islam against the misconceptions of fellow students.



John Goddard

Huda Lutfi and Anna Snellen have little in common except they are both Moslem women studying at McGill. Lutfi grew up a Moslem but no longer practises the religion; Snellen grew up a Christian and converted to Islam. One has always worn Western-style clothes; the other now wears a headdress and robe to class. Their differences in background and viewpoint illustrate the wide range of experience and opinion held among Islamic women, yet they agree on two essential points: most Canadians misunderstand Islam; and Western women provide no model of liberation to which Eastern women can turn.

Lutfi, a thirty-four-year-old Egyptian, grew up in Cairo in a traditional, if relatively affluent, Moslem family with three brothers. She left Cairo five years ago after a divorce and now lives in an upstairs apartment on Park Avenue. An assortment of papers litters her kitchen table, research for a doctoral thesis at McGill's Institute of Islamic Studies examining the social history of Jerusalem in the fourteenth and fifteenth centuries. While she does not feel a part of North American culture she also says she rejects many of Islam's teachings.

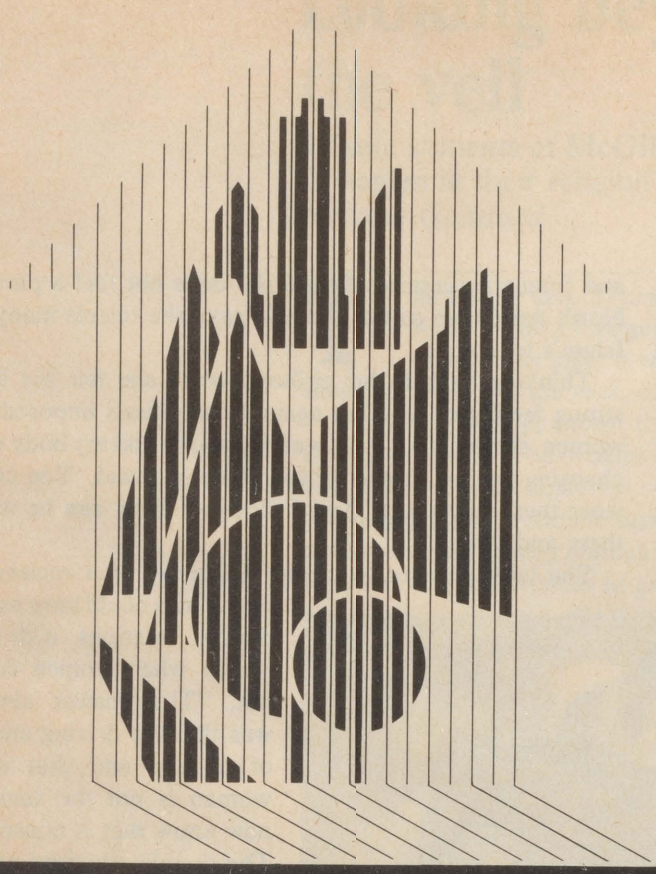
Thinking back to her girlhood when she felt her first strong feeling of rebellion against restrictions imposed on women, she recalls, "I was wearing shorts and my body was changing and my brother looked at me and said, 'You can't wear these any more.' And I thought, 'Why can he wear them and I can't?'"

She later grew to resent the hypocrisy of a society in which men could have extra-marital relations with impunity when women could not. "The answer always was that the driving energy of a man and that of a woman is not the same. I now know that is nonsense. The double standard exists here too, but to a greater extent in Egyptian culture."

Divorce is easier for a man than for a woman in Egypt. "Even though by law, a woman can theoretically divorce a man, a lot of women go through hell to get a divorce. Socialization and financial dependence on the man make her accept a bad marriage blindly even though she might be extremely miserable," says Lutfi. "I think my divorce and other alienating experiences with men made me disenchanted with my whole society."

Lutfi came to Canada to study at McGill, but continued to practise as a Moslem for a time. "I used to go to pray at the mosque — it sort of gave me support — but being on your own, you open your mind to other ideas and you start questioning everything. It was extremely painful to start thinking of Islam as just another man-made religion."

But religion is not the main culprit in the oppression of women in Islamic societies, she says. Culture and economics are more important factors. "In a poor country, a woman is extremely oppressed. If her husband is earning a low salary, she has to go out and get a job. The man doesn't feel he has to help her around the house — she still has to do the work at home and has no modern equipment to help her.



81 254

Accommodations for Summer Visitors

In summer, McGill's student residences open wide their doors . . .

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and also

to interest groups, study groups, travelling groups, golden age groups, conference groups.

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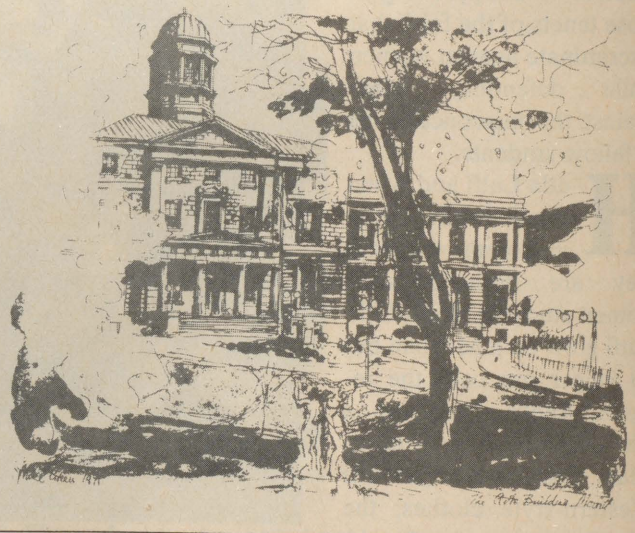
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McGill University

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REUNION '82

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KEEP THESE DATES OPEN!

23
Opening Reception
Annual Dinner Meeting

24
Faculty Seminars
Leacock Luncheon
Faculty Receptions
Special Event
(Class of 1962, 1967, 1972 and 1977)
President's Reception
(Class of 1957)
Chancelor's Dinner
(Class of 1927 and earlier)
Principal's Dinner (Class of 1932)

25
R.V.C. Alumnae Reception
Graduates' Pre-Game Luncheon
Football Game
McGill vs Queen's
Graduates' Rendez-Vous

26
Sunday in Old Montreal

The Graduates' Society of McGill University.

"During Nasser's time, Egypt was trying to build national industries, and new social policies gave women many opportunities to work and be educated. Nobody was asking them to stay home. And they got the same pay as men. Then Sadat came, and started importing more foreign goods. Many of the industries closed, and women were told it would be better for them to stay at home. The religion is not at fault, just the way you manipulate it."

She grew to resent the hypocrisy of a society in which men could have extramarital relations with impunity when women could not.

The emphasis on clothing when considering women — whether in the East or West — upsets Lutfi. "Our newspapers show a naked woman or a woman dressed in a bikini and say, 'Here are Western women.' In the West the female body is something you look at, a sex object. In Egypt, they are trying to hide it, to protect it. But it is the same attitude. I find both humiliating."

Anna Snellen arrives at the graduate students' lounge of the Arts Building wearing a white scarf covering all but her face, and an ankle-length wool gown — practical attire on a day when the temperature is minus 25 degrees, but which also serves to announce her as a Moslem. She brings a classmate explaining, "I didn't want to come alone to see a stranger." Snellen is twenty-five-years-old, a Dutch national, but a landed immigrant who came to Canada seven years ago and is now taking an undergraduate degree in biology. Her girlhood was spent in Christian schools in South Africa, but her parents were non-religious rationalists believing only in empirical facts.

"When I began studying science, I continued to think about how to define God, and how to come to know the will of God. I made some Moslem friends and got a copy of the Koran in English. I started reading and became convinced this was the real message. Of course the rules of science still work, otherwise people wouldn't be able to travel to the moon. But this is not to say that something else can't exist at the same time."

Converting in the summer of 1980, Snellen adopted traditional dress and prays five times a day at the appointed hours except when classes interfere. She has never been to the Middle East, but intends someday to "make hadj" (go to Mecca), as is asked of all Moslems of means. She is openly critical of practices found in some Moslem countries and says, "I wouldn't want to live in the Middle East. In Saudi Arabia women are not allowed to hold a driver's licence, but that to me is a ridiculous interpretation of the Koran."

On clothing, she conforms to tradition. "Wearing a scarf is like a reminder, making me conscious of Allah. I feel I am protecting myself from being considered as a sex object and protecting others from thinking so. I used to worry a lot about, 'Oh, is my hair fixed all right? Am I attractive?' I'm much happier now. In the West people tend to look at the Islamic dress code only in terms of what is required of women, but men also usually wear a loose shirt down to the knees."

At this point Snellen's friend joins in. Twenty-year-old Sheeba Mohammad is a national of Bahrain in the Persian Gulf and here to study biochemistry. "North Americans think we are forced to wear the scarf and say, 'Nobody is here to force you now, so why do you wear it?' I say I wear it because I am proud to wear it.

"Another thing people don't understand is the relationship between men and women," Mohammad continues. "We can't go to a disco with men, because men and women are not kept separate there. But this does not mean we cannot talk and work together in class. There is equality between men and women. Restrictions are not meant to prevent men and women from enjoying each other, only to make the relationship more respectful."

Mohammad declines to have her picture taken, but Snellen is willing. She puts on her coat and flings a satchel of books over her shoulder before walking outdoors, where sunshine beams on the snow-covered quad. Everything is set for the shot, but at the last minute Snellen turns to her friend and asks, "How do I look?" □



Thirty-year-old Tehranian Pari Davari applauds the Ayatollah Khomeini's "simple, humble life."

John Goddard

Go north young man!

For one hundred years Quebeckers have looked north towards a promised land. Like the American West, *La Terre promise* has been a central myth that has shaped their society.
by Judee Ganten

One hundred years ago the renowned Curé Antoine Labelle proclaimed to the diminishing population of Lower Canada that the salvation of the French Canadian "race" lay in the development of the vast unsettled territories north of the St. Lawrence River. In 1970, then-Premier Robert Bourassa, in announcing the James Bay Hydro Quebec project, declared that the progress of the Quebec nation would be realized through the North. Although over a century separates their prophetic words, these two leaders delivered a remarkably similar message that contributed to the continuation of a "mythe du Nord," says McGill geography doctoral student Christian Morissonneau. And although their visions differed — for Labelle the untouched regions of "les pays d'en haut" lay just thirty miles from Montreal, while for Bourassa, the land that would deliver prosperity to a nation was 900 miles north — each characterized northern Quebec as a promised land of untold wealth.

In his most recent publication, *La Terre promise: Le mythe du Nord québécois,* Morissonneau examines how this myth was constructed during the last half of the nineteenth century and goes on to reinterpret the impact of this frontier movement on the collective psyche of Québécois today. Adopting a nationalist position, he shows how the myth of a promised land emerges in ethnic societies whenever their cultural identity is threatened. As examples, he points to the mythology surrounding the Mormon migration from the eastern United States to Utah and to the flight of the Jews from Egypt to Israel.

Similarly, in mid-nineteenth-century Quebec, the economic and political climate created a French Canadian identity crisis. After the Revolt of 1837 and the subsequent Lord Durham Report issued in 1840 that recommended the assimilation of French Canadians into English culture, the French bourgeoisie and clerical elite forsaw the eventual erosion of their power. "Culturally they were in danger of disappearing like sugar in a cup of coffee, there in flavour, but no longer visible," says Morissonneau.

Politically threatened by the Durham Report, the decline of Lower Canada's agrarian economy, and the subsequent exodus of Québécois to industrialized New England (about one million French left the province between 1850 and 1930), the French clergy became the primary agents attempting to curtail emigration of the small-time farmer and the restless young. With "les anglais" on all sides, the Church looked to the North as the promised land where they could regroup under the banner of religious nationalism. "The dream of the clergy was, in many respects, one of an autonomous French Catholic state, achieved through enlarging the territory beyond English influence," says Morissonneau. "They portrayed the vast expanse of the North as 'our own America,' a place where anyone could become rich, where they could survive as a nation and protect their cultural differences."

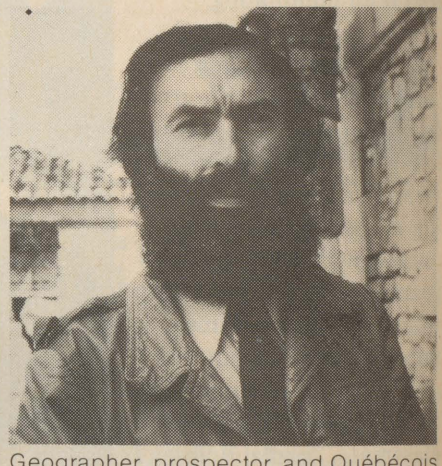
In the fifty years of active colonization of "les pays d'en haut" (1850 – 1900) about 50,000 habitants were persuaded to brave the difficult northern existence, oftentimes with no money and few agricultural skills. Reflecting the prevalent attitude of mixed forboding and hope, one of the curés wrote: "The North will be reserved for us. It's far too cold for the English." But ironically, in the end it was mostly "les anglais" who came to develop the resources of these inclement outlands.

The "mythe du Nord," which was created for the most part by the French clerical elite, nevertheless, helped shape the identity of today's Québécois, says Morissonneau. Often perceived as conservative, insular, and self-preoccupied, at least some of the curés are depicted by the author as progressive individuals who, for example, advocated the creation of an agrarian Jeffersonian economy in the North, based on the private ownership of property. Morissonneau points out that this ideal, inspired by liberal American thought, represented a radical departure from the traditional French aristocratic model of a feudal society and thereby signified the emergence of a new Franco-American identity.

Also in portraying the clergy as business-minded men, Morissonneau further destroys their conservative image. Curé Labelle, for whom the northern Laurentian county is named, emerges as the book's hero who did much to entice business and capital into "les pays d'en haut." With a mind to exploit the region's natural resources, he personally made two trips to Europe to locate investors for quarry and dam building. He was also instrumental in bringing the railroad to St. Jerome.



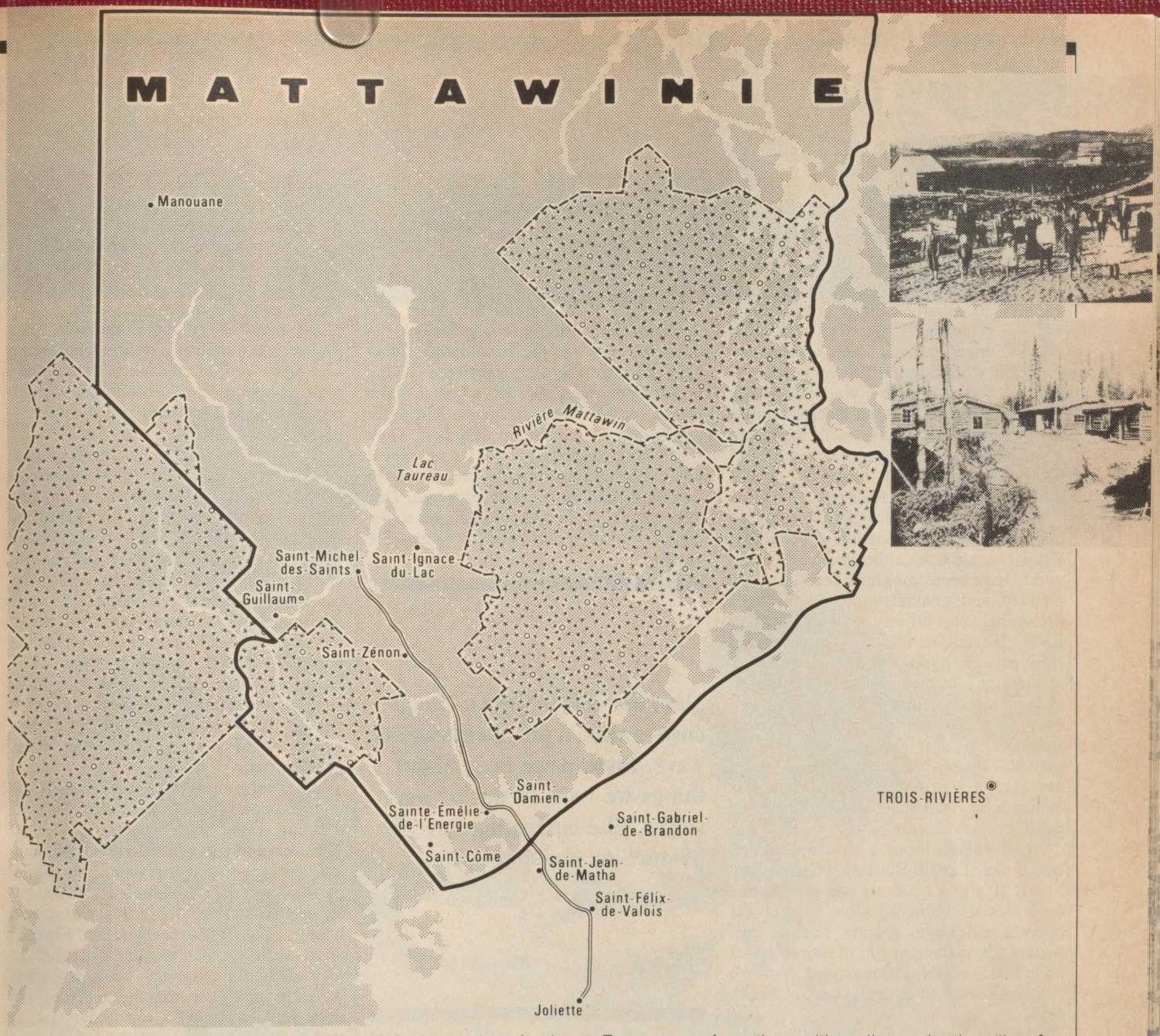
The progressive Curé Antoine Labelle did much to entice business and capital into northern Quebec.



Geographer, prospector, and Québécois author Christian Morissonneau says, "The 'mythe du Nord' lives on in the hopes of the people."

Despite the ultimate economic failure of the "mission providentielle," the North was opened and a new Franco-American identity forged. For Morissonneau this identity has come of age and is personified in the present-day James Bay hydro project. "In Québec, our 'West' has been the North. With James Bay we have accomplished a huge feat. And we did it in French and on a large scale, like the Americans do. The tables are turned. Now we exploit our resources and sell electricity to them."

In fact, it was a desire to reconcile and define a Québécois identity that led Morissonneau to write *La Terre promise.* After travelling extensively in northern Québec as a prospector for a mining company and working at the Centre d'Etude Nordique de l'université Laval, he realized that the



Situated north of Joliette, Quebec, "La Mattawinie" is a region of dense bush and mountains, two hundred miles square.

Inset: Two scenes from the multi-media production, "Le rêve Mattawinien," depict the daily life of early settlers in Lanaudière county.

nature of the frontier settler as portrayed in literature was incongruous with the spirit of their descendants whom he had met in the North. "Many historians have presented the settlers as essentially agriculturalists who carved out a bit of land and stayed on it," he explains. "Whereas, the fact is French Canadians possess an adventurous frontier mentality and a strong nomadic tradition as evidenced by the *voyageurs* and *coureurs de bois.* The misconception results from a convenient image imposed on a people by the clerical elite in their desire to regroup them."

La Terre promise was begun as a long introduction to Morissonneau's doctoral thesis in which he applied his theories to a region in Lanaudière county just north of Joliette. And, needless to say, his work has sparked considerable interest among its 600 inhabitants. La Mattawinie, Morissonneau's own name for the region where the Mattawin river flows, is 200 square miles of dense bush and mountains, separated from surrounding districts by natural geographical boundaries.

Recently, Morissonneau was approached by a group of young Mattawiniens to help mount a theatrical production based on the traditions of their "petit pays." The group's intention was to dramatize the differences between their heritage as woodsmen and guides and that of their nearby agricultural neighbours. Morissonneau notes: "There is a spontaneous, grass roots movement among some of the young people of La Mattawinie to remain in the area. They don't want to move to Montreal to find work. They are hoping that by developing a regional identity and a community spirit they can start cottage industries at home, just as has been done in other economically marginal areas of the province. In effect, this is a continuation of the 'mythe du Nord.'"

Responding to their request, Morissonneau scripted *Le reve Mattawinien,* a multi-media spectacle that integrates music, drama, song, and slides. Performed for capacity audiences last May, the show featured scenes of daily life in Mattawinie, past and present. This Quebec version of *Roots* so moved Mattawinien audiences that many had tears in their eyes, and some cried openly.

Morissonneau views the show's success as representing a growing provincial trend towards regionalism. "It's the new spirit of Quebec," he says. "And the Parti Québécois government doesn't know how to handle it. Essentially, they want to centralize activities in the cities just like the government did 100 years ago. But," he adds with a touch of irony, "the 'mythe du Nord' lives on in the hopes of the people." □

Getting better at getting better

Encouraging patients to take more responsibility for their health is a top priority at the Royal Victoria Hospital

by John Geeza

The elderly woman at the Royal Victoria Hospital (RVH) pharmacy counter looks a little confused, but won't admit it. She isn't supposed to drink coffee — or is it alcohol? — with her new medicine. The pharmacist, handing her a leaflet with the medication, has ticked a box beside item number seventeen: "DO NOT take mineral oil, castor oil, or preparations containing either one ..."

This scene illustrates the movement to encourage patient education at the RVH. Patient education, although doctors and nurses have been doing it for years, is now a planned and evaluated procedure that's becoming a top priority at places like the RVH. Instead of feeling like a helpless recipient of hypodermics and thermometers, the informed patient is encouraged to take responsibility for his or her own well-being. Patient education not only responds to the increased concern for patients' rights, but in an era of hospital cutbacks, means fewer readmissions, less demands on staff time, and an improved quality of health care.

Kay Watson-Jarvis, a dietician at RVH, chairs their Patient Education Committee. She is clearly a believer, and even as she describes the administrative side of the operation, her eyes sparkle: "Before this, patient education was sort of sporadic — it hadn't been planned or managed. Now we recognize it as an essential part of health care."

Watson-Jarvis's committee, by law under Bill 65, is composed of a cross-section of hospital staff: physicians, nurses, psychiatrists, librarians, dieticians, and even a patient's ombudsman. Their main job is to transform new ideas into workable projects. Some money from Quebec's Département de Santé Communautaire is available for this purpose. The committee invites proposals from various hospital departments, evaluates them, and allocates funds to get them going. Its interdisciplinary make-up ensures that the funds will be distributed equitably, with emphasis on patients'priorities.

The drug leaflet is the result of one project. Francois Schubert, the hospital's chief pharmacist, explains the rationale: "Studies have shown that where there's no patient education, the patient leaves the hospital, doesn't follow the medication as prescribed, and has to be readmitted. This happens to about 30 per cent of the hypertensive patients. These studies also show the importance of reinforcing the verbal information with something written. For patients taking three or four medicines, the daily dosages can be bewildering. Now each patient who gets medicine at the hospital pharmacy also gets a leaflet." The leaflet contains forty-six items, and those relevant to the patient are ticked off. They warn about possible side-effects and repeat advice about exposure to the sun, consumption of alcohol, or excessive dosages. This information heads off confused calls to the doctor or pharmacist and reassures the patient.

All of us seem to want a "magic" cure–a shot, a pill, an ultrasonic wave. Instead we hear about things we have to do for ourselves, like correcting our posture or our diet.

"Wait until you see this one," says physiotherapist Marilyn Kaplow, BPT'70, BSc'74, of another project that is being screened on the wall of her department. The slide-sound show is about back problems, and Kaplow is proud of it. She and some other therapists wrote the script in response to a specific need — complaints about lower back pain, usually due to poor posture and body mechanics.

I watch the show with seven people, a mixed group ranging from a young amateur soccer player to an elderly couple, both carrying canes. The slides and recorded narrative show how we should lift things, sleep, and stand (one foot raised, on the rung of a chair, for example). The lights go on and the comments and questions begin. The man in the business suit won't consider marring his good furniture; his father would have whacked him if he got caught with his foot on a chair. The elderly lady with a cane just shakes her head. All of us seem to want to be offered a "magic" cure — a shot, a pill, an ultrasonic wave, and instant relief. Instead we hear about things we have to do for ourselves — standing and lifting correctly. If only some of us carry away information and change a few habits, it can save us and the hospital some bother.

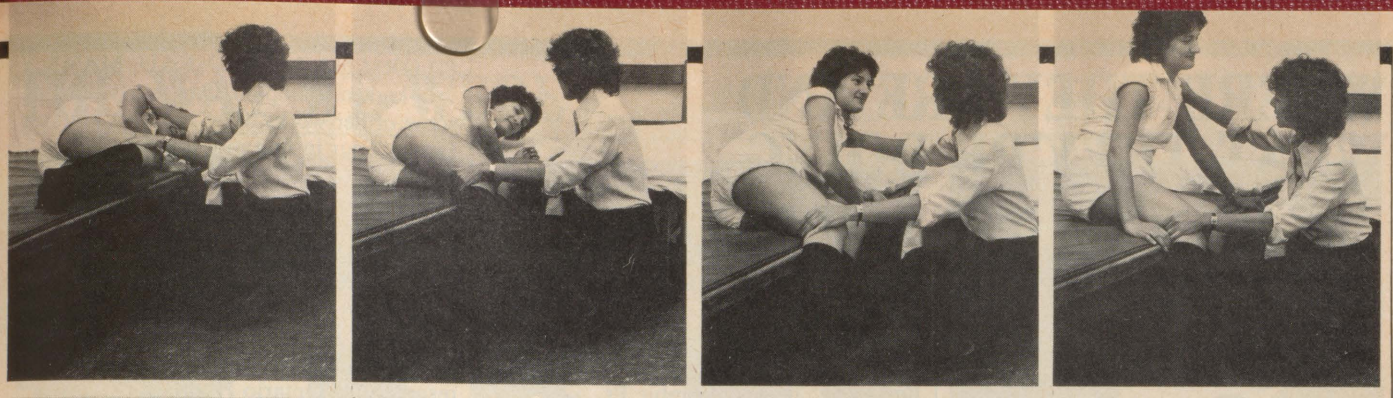
The slide-sound show explains to a group what the therapist used to explain individually to each patient; it's a time saver. Later, in the course of individual sessions, the therapist will ask the patient to do things — like standing or lifting — to make sure he or she has understood and remembered the important points.

As required by the Committee, each project has a built-in research component — some way of verifying whether the patients comply with instructions, whether progress is being made, and if fewer readmissions result.

For the nursing department, patient education is more then an innovative project or two. It's an integral part of nursing that isn't all that new as Lorna Ferguson, DipNur'64, BN'67, head nurse in the Women's Pavilion, quickly points out. Education of both family and patient begins before admission to the hospital. Because many nurses, over many shifts, encounter the same patient, documentation becomes important and time-consuming. But, Ferguson says, due to careful, comprehensive note-taking, any nurse should be able to give a patient relevant information by relying on comments that other nurses have written.

For years, nurses have been assigned as "information officers" to cardiac patients. Fielding came into hospital in critical condition and was admitted almost directly into surgery. The attendant information nurse, Constance Vaillancourt, spelled out to him what was happening and would happen. Vaillancourt remembers Fielding as an intelligent man who, even in the midst of a medical emergency, took in a great deal. He remembers that the staff was "not quite sure how much I was understanding and so repeated most of the information afterwards." He also recalls the education his family received — like the warning that his body would be cool after surgery. Vaillancourt continued to see him after the operation and during his follow-up visits to the clinic. "I was really impressed by the continuity of the information," he says. Now, a few months later, he is a surprisingly fit-looking man who jogs according to prescribed guidelines.

Patient education helped Fielding resume an active, healthy life. Nurse Vaillancourt is saving time by preparing a twelve-minute audio-visual show to tell pre-operative patients what they should know about surgery. Dietician Watson-Jarvis will be dispensing dietary information to cancer patients. Requests for the pharmacy's drug leaflet are pouring in from physicians. In short, it's only the beginning. As patients' rights are in, and high budgets are out, informed patients at the RVH are learning to take responsibility for themselves. □





John Geeza

Royal Victoria Hospital physiotherapist Marilyn Kaplow shows a patient suffering from lower back pain how to get on her feet.

WHERE THEY ARE AND WHAT THEY'RE DOING

'31

JOHN G. LANG, MA'31, has retired from full-time service at the University of Bristol, England.

ROBERT I.C. PICARD, BA'31, MA'32, has been appointed to a second three-year-term on the board of governors of the University of Victoria, B.C. He is also chairman of the board's finance committee.

'32

E. DAVID SHERMAN, MD'32, a pioneer in geriatric medicine, has been honoured by the establishment of the E. David Sherman Awards in Geriatric Medicine to be presented annually to the most outstanding student in the field of clinical geriatric medicine in the medical faculties of McGill and the University of Montreal.

'35

PETER LAING, BA'35, who is a lawyer, Queen's Counsel, member of the Bar of England and province of Quebec, and governor emeritus of McGill, was awarded an honorary Doctor of Laws degree at McGill's fall convocation.

Rev. LIONEL TEMPLE-HILL, BA'35, has retired as Anglican chaplain at the Royal Victoria Hospital, Montreal, and is moving to Halifax, N.S.

'37

ISOBEL OSWALD, BA'37, received an honorary MA at McGill's fall convocation in recognition of her many years of outstanding service as secretary to the Faculties of Arts and Science.

'38

J. ALLAN PERHAM, BEng'38, chairman of the board and formerly president of Canadian Oxygen Ltd., Toronto, Ont., retired in December 1981.

'39

C. WILSON SPENCER, BSc(Agr)'39, has been appointed vice-president, business development, for General Foods, Inc.

'40

C. RONALD STEPHEN, BSc'38, MD'40, has been nominated to receive the Distinguished Service Award of the American Society of Anesthesiologists for 1982.

'42

ALEC GLEN, BEng'42, will return to Nova Scotia from Skowhegan, Maine, to become general manager of Scott Maritimes Ltd., in Abercrombie Pt.

VERE K. MASON, BEng'42, became chairman of the board and chief executive officer of V.K. Mason Construction Ltd., which he founded in 1960.

'43

DOUGLAS GRANT LOCHHEAD, BA'43, BLS'51, director of the Canadian Studies centre at Mount Allison University, Sackville, N.B., has accepted an invitation to be visiting professor of Canadian Studies at the University of Edinburgh, Scotland, during the 1983 – 84 academic year.

'44

WILLIAM BOTHWELL RICE, BEng'44, MEng'56, who is a professor of mechanical engineering at Queen's University, Kingston, Ont., has been named a Fellow of the American Society of Mechanical Engineers.

ARTURO VIVANTE, BA'44, a novelist frequently published in *The New Yorker.* recently retold, in a two-part CBC documentary, *The Spies That Never Were,* the bizarre story of his imprisonment as an Italian Jew in a World War II Canadian internment camp.

'46

RAYMOND LEMIEUX, PhD'46, a University of Alberta professor whose early research in carbohydrate chemistry contributed to major advances in the development of antibiotics, was awarded a Canada Council Killam Prize last year and also received an honorary DSc from Memorial University, St. John's, Nfld.

JAMES SWAIL, BSc'46, a senior official with the National Research Council, received an honorary DSc at McGill's convocation last fall. Internationally renowned as a pioneer in his field, he has designed more than 100 devices to help the blind become self-sufficient.

'47

DAVID A. CLIMAN, BSc'47, has been appointed executive vice-president and chief financial officer of Cadillac Fairview Corp., Ltd., Toronto, Ont.

W. GORDON DONNELLY, BA'39, BCL'47, recently retired as vice-president, personnel and industria relations, Alcan Canada Products Ltd., and continues as a part-time employer-member of the Ontario Labour Relations Board.

GLORIANA MARTINEAU, MA'47, a well-known Brampton, Ont., artist, donated some of her works to be sold at a Harvest House Tour in that city last fall.

'48

SYLVIA OSTRY, BA'48, MA'50, PhD'54, LLD'72, received an honorary Doctor of Civil Laws degree from Acadia University, Wolfville, N.S., this fall.

HEDLEY C. PALMER, BEng'48, has been appointed director of rates and market research for Ontario Hydro.

HOWARD E. WHITING, BCom'48, has been made vice-president, English publications, for Quebecor.

'50

NATHAN KALICHMAN, BA'50, has been elected president of Philipp Brothers (Canada) Ltd.

A. PETER MacVANNEL, BSc(Agr) '50, has been appointed marketing manager for Schenectady Chemicals Canada, Ltd.

'51

NEILS H. NIELSEN, BA'51, MA'54, has formed Princeton Management Consultants, Inc., of which he is president and chief executive officer. This New Jersey firm specializes in human resources and business strategy consulting.

'52

JOHN HASTINGS DINSMORE, BEng'52, president of Petromont Inc., received a meritorious service award from the Canadian Council of Professional Engineers.

Dr. RAY MARCH, BSc'52, has been installed as president of the British Columbia Medical Assoc.

ANTHONY PALECZKA, BCom'52, is an associate with Larry Ouellette Insurance Agency Ltd., Windsor, Ont.

'53

RODERICK C. FOSTER, BCom'53, has been appointed director and chief financial officer of Imasco Ltd., in Montreal.

'54

Dr. JOHN R. OGILVIE, BSc(Agr)'54, director of the School of Engineering, University of Guelph, Ont., has been elected a Fellow of the Canadian Society of Agricultural Engineering.

WARREN P. WOODWORTH, BCom'54, has been appointed senior vice-president, marketing, for CIP Inc.'s Newsprint Business.

'55

LAWRENCE HANNA, BEng'55, has been named general manager of the Saskatoon chemicals division of Prince Albert Pulp Co.

GEORGE MANNARD, BSc'55, MSc'56, PhD'63, has been appointed president and chief operating officer of Kidd Creek Mines Ltd.

THE WAY WE WERE





My Fur Lady revisited.

McGill's 1957 Red and White Review, "My Fur Lady," was such a hit in Montreal that it went on tour, playing 402 performances across Canada. This fall company members including Galt MacDermot, Brian Macdonald, BA'54, James Domville, BA'54, BCL'57, Donald MacSween, BA'56, BCL'61, and Timothy Porteous, BA'54, BCL'57, will celebrate the twenty-fifth anniversary of "the best review ever." A reunion for the cast and crew is planned for September 24-25, 1982.









ROBERT T. STEWART, BCom'55, has been appointed executive vice-president, responsible for manufacturing and marketing operations, ventures and quality control, for Scott Paper Ltd.

'56

J. ERIC BELFORD, BEng'56, has been appointed vice-president, mining, of Kidd Creek Mines Ltd., and is also assistant general manager at their Timmins, Ont., operations.

ROBERT G. COFFEY, BCom'56, has been named a managing partner of Ernst & Whinney Management Consultants, Toronto, Ont.

MILTON R. HOOKER, DipAgr'56, has been appointed general manager, Quebec region, for Masterfeed of Maple Leaf Mills Ltd., and will also take responsibility for the growth of their recently-acquired Enerpro By-Products.

RONALD T. RILEY, BEng'56, vice-president, corporate, of Canadian Pacific Ltd., has become a trustee for the First Canadian Mortgage Fund, a mortgage-based mutual fund managed by the Bank of Montreal.

'57

JOHN J. GILLMAN, BEng'57, has become vice-president, project development, for the Cape Breton Development Corp., Sydney, N.S.

VALERIE (ROSS) KNOWLES, MA'57, recently published a history of the Ottawa Civic Hospital School of Nursing entitled, *Leaving with a Rose.*

DAVID SILVERBERG, BA'57, a fine arts professor at Mount Allison University, Sackville, N.B., held an exhibition of 27 coloured steel engravings at the Morrison Art Gallery in St. John, N.B., this fall.

'58

GEORGE E. BLANDFORD, BEng'58, has been named vice-president and general manager of Canadian Pneumatic Tool Co., Ltd., Toronto, Ont.

MURRAY ENKIN, MD'58, associate professor of obstetrics and gynecology at McMaster University, Hamilton, Ont., won the Annual Research Award at the American Society for Psychoprophylaxis in Obstetrics last summer in recognition of his research into childbirth preparation and care.

SALLY (WOLFE) LUTTMER, BA'58, received an MEd in educational psychology from the University of Regina, Sask., and is now a partner in Kelly, Luttmer & Associates Ltd., a Calgary, Alta., firm specializing in the development and delivery of employee assistance programmes to industry.

'59

RAOUL BUSER, BEng'59, has been appointed vice-president of technology and development of the Domtar Pulp & Paper Products Group.

FREDERICK FOZO, BCom'59, has been named vice-president, finance, and controller of Seagram & Sons, Ltd.

FREDA LANG-BROWNS, BA'59, MEd'78, coauthored a book entitled *A Guide to the Selection and Use of Reading Instructional Materials,* that was published by the Alexander Graham Bell Association for the Deaf, Washington, D.C., in the fall of 1981.

MARGOT R. ROACH, MD'59, received an honorary DSc from the University of New Brunswick, St. John, last May and is currently serving a three-year term on the editorial board of *Blood Vessels.*

GORDON J. WASSERMAN, BA'59, has been appointed assistant secretary of state, home office, and second to the central policy review staff, cabinet office, London, England.

'60

BERNARD I. GHERT, BSc'60, has been appointed president and chief operating officer of Cadillac Fairview Corp., Ltd.

TRASZHA MACDOWALL, BLS'60, MLS'65, who recently retired as chief librarian at Nepean Library, Ont., was given a special reception to honour her twenty-five years of dedication to her work.

ROGER PHILLIPS, BSc'60, has been made president of the Quebec Chamber of Commerce.

'61

Dr. EDMOND D. MONAGHAN, MSc'61, DipSurg'63, represents McGill University on the St. Mary's Hospital Board of Directors, Montreal.

JOHN SLOSARCIK, BEng'61, Dip Mgmt'68, has been appointed vice-president and general manager for Pre-Con Co., of Brampton and Woodstock, Ont., a division of St. Marys Cement Ltd.

'62

YVES C. DUHAIME, BCL'62, is the minister of energy and resources for the provincial government, Quebec City.

HOWARD FRITZ, BEng'62, MEng'64, PhD'68, has become assistant to the president for institutional research and development at the University of New Brunswick, Fredericton campus.

J. ROSS KENNEDY, BSc'62, is working out of Montreal as district manager of the newly-created Eastern Canadian refinery sales district of the Tretolite Division of Petrolite Corp.

R.A. ("BARNEY") WATT, BEng'62, has been appointed branch manager, Ontario, for Qualico Securities Ltd.

'63

Dr. GERALD SCHNEIDERMAN, DipPsych'63, who works at the Hospital for Sick Children, Toronto, Ont., has published a book entitled, *Coping with Death in the Family* that was recently translated into braille by the Canadian Institute for the Blind.

MARGARET STEED, BN'63, retired from her position as professor and associate dean at the Faculty of Nursing, University of Alberta, Edmonton, last December.

ROBERT C. TEDFORD, BCom'63, has been named managing partner, western region, for Ernst & Whinney, Chartered Accountants.

'64

ELIZABETH BEETON, BLS'64, became the first public service officer at North York Public Library in Ontario.

'65

JOHN B. ARMSTRONG, BSc'63, MD'65, PhD'75, has been appointed president of Pacific Isotopes and Pharmaceuticals Ltd., a subsidiary of the British Columbia Development Corp.

'66

CATHERINE ELIZABETH CRAGG, BScN'66, has been appointed director of nursing education in the Hospital for Sick Children, Toronto, Ont.

SAMUEL CUKIER, DipMgmt'66, an executive with Domtar Inc.'s chemical group will serve a second term as president of the Canadian Manufacturers of Chemical Specialties Assoc.

JIM PANTELIDIS, BSc'66, Dip Mgmt'74, MBA'77, has been appointed marketing manager in eastern Canada, for Gulf Canada Products Co.

'67

TARO ALEPIAN, BEng'67, has been named president of SNC/FW Ltd., and group vice-president, western Canada, for the SNC Group, Calgary, Alta.

LEONARD M. BORER, BCom'67, has been made head of the tax division of Arthur Anderson & Co., Mississauga, Ont.

JOHN E. HODGSON, BCom'67, has joined the Calgary, Alta., office of Price Waterhouse as an audit partner.

DONALD SMILLIE, BSc'67, is now manager, general systems development, data systems, for Dome Petroleum Ltd., Calgary, Alta.

'68

MORRIS ALVO, BCom'68, has been named vice-president, real estate –Quebec, for Steinberg Inc.

HAWLEY L. BLACK, MA'68, PhD'80, a member of the Canadian Parliamentary Press Gallery in Ottawa, Ont., has been named Ottawa correspondent for *Cable Communications Magazine.*

ROBERT W. HARVEY, BSc'68, MSc'72, graduated from New York Chiropractic College in April 1981, and is practising in Ste. Anne de Bellevue, Que.

P. JAMES LEVINS, BEng'68, has been appointed president of Building Products of Canada Ltd., a subsidiary of Imperial Oil Ltd.

W. CARL LOVAS, BCom'68, has been named a partner in the Caldwell Partners,

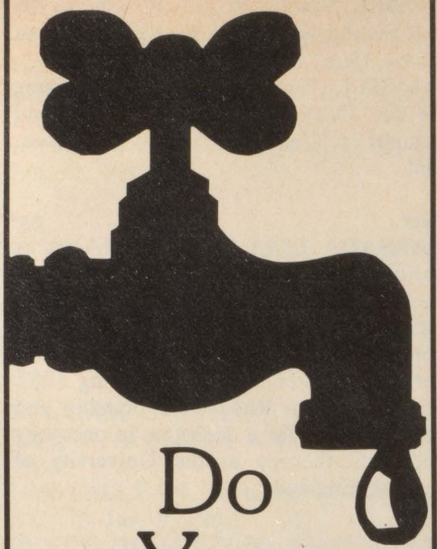
Toronto, Ont., international consultants in executive search.
RAY PALLEN, BEng'68, is now vice-president, production, for Sidbec-Dosco Ltd., Montreal.
Rev. BRIAN PRIDEAUX, BD'68, MA'73, has been appointed ecumenical officer of the Anglican Church of Canada.
PERRY SCHNEIDERMAN, BA'68, is currently assistant artistic director of the National Theatre School of Canada, Montreal, and has just been appointed artistic director of the Piggery Theatre, North Hatley, Quebec.

'69
ANDERSON CHARTERS, BA'69, MBA'75, has been appointed communications director for the Montreal Stock Exchange.
EDGAR H. SCHMIDT, DipMgmt'69, has been appointed project director for the Ontario Waste Management Corp.

'70
IVAN T. BERN, BA'70, has been appointed vice-president of the Windsor Arms Hotel, Toronto, Ont.
ELSPETH (BUITENHUIS) CAMERON, PhD'70, recently published a biography of McGill professor and novelist Hugh MacLennan entitled, *Hugh MacLennan: A Writer's Life.*
PETER LAMB, BSc'70, recently became a grade seven teacher in Salmo Elementary School in British Columbia.
PHILIP LEVI, BCom'70, was recently appointed to the executive committee while continuing on the board of directors of the YM-YWHA & NHS of Montreal.
MARK M. ROMOFF, BSc'70, has been named Canadian trade commissioner in Mexico City, Mexico.
Dr. NORMAN SPECTOR, BA'70, is assistant deputy minister of policy co-ordination in the British Columbia provincial government.

'71
FREDERICA (SHNAY) BOWDEN, BSc'71, is a doctoral candidate in special education for the gifted, at Arizona State University, Tempe, and will publish two social studies books this year.
MALKA FRY, BA'71, MA'74, BSW'81, has begun a two-year contract with Jewish Family Services in Edmonton, Alta.
ANDRE POTVIN, BCom'71, has been appointed first secretary and head of post for the Canadian embassy in Bamako, Mali, West Africa.
GEORGE RADWANSKI, BA'68, BCL'71, has become editor-in-chief of the Toronto Star, a daily newspaper in Ontario.

'72
ROBERT S. BROUGHTON, PhD'72, has been elected a fellow of the Canadian Society of Agricultural Engineering.
PETER F. CHODOS, BCom'72, is vice-president of Hatleigh Corp., Toronto, Ont.



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IRENE GOLDSTONE, BN'72, obtained an MSc in Health Services Planning from the University of British Columbia, in Vancouver last May.
BARBARA LUDWIG, BN'72, received an MSc in Health Services Planning from the University of British Columbia, in Vancouver last May.
JIM R. SALT, PhD'72, recently held an exhibition of wildlife watercolours and photographs with his father, Ray, in Edmonton, Alta.
MARTEN TERNAN, PhD'72, head of the catalysis research section of Energy, Mines and Resources, CANMET, Energy Research Laboratories in Ottawa, Ont., has won the Canadian Society for Chemical Engineering's ERCO Award, which honours individuals under the age of forty who have made distinguished contributions to chemical engineering in Canada.
SAMUEL L. TRAVIS, LLM'72, is vice-president/managing partner for the western region of Barton Sans (Canada) Ltd., in Calgary, Alta.
DOUG YOUNG, BSc'72, has become public relations coordinator for Northwestern Utilities Ltd., an Edmonton-based company that provides natural gas and services to approximately half of Alberta.

'73
JAK ALMALEH, BCL'73, joined the law firm McMaster Meighen in Montreal as an associate.
GEORGE BESNER, MSW'73, has become the new superintendant of the Lindsay, Ont., branch office of the Children's Aid Society.
DAVID C. JUVET, LLM'73, has been appointed business plans officer, financial division, for Excelsior Life/Aetna Casualty Co., of Canada Ltd.
LYNDA MICKLEBOROUGH, BSc'69, MD'73, was appointed to the Toronto General Hospital as one of five staff surgeons in the cardiovascular surgery department and to the University of Toronto, Ont., as a lecturer in the department of medicine.

'74
BASIL BAETA, BSc'70, MD'74, has been appointed to the staff of Ross Memorial Hospital with major general surgical privileges.
LLOYD HENRY, BTh'74, returned to work at the Accommodation Home for the Mentally Handicapped in Huntsville, Ont., in January this year after being involved in a serious car accident last August.
JIM RICHARDS, BEng'74, has become administrative assistant to the vice-president, sales, of Tri-Canada Inc.

'75
CAROL BRYCE-BUCHANAN, BSc'75, is projects director, perinatal-epidemiology unit, Yale School of Medicine, New Haven, Ct.

CLAUDE R. GIROUX, BCom'75, currently in his fourth year in Japan, has become associate advertising manager for Proctor and Gamble Sunhome Co., in Osaka.
GAYLE (TEMPLE-HILL) MACKAY, BSc(FSc)'75, teaches nutrition part-time in Truro, N.S.

'76
SUSAN CHATTERSON HAYTO, BSc'76, has been appointed director of administration of Voice Message Service, a division of Bell Canada Ltd., Toronto, Ont.
ARMAND A. KAZANDJIAN, BCL'76, has become a partner in Selinger & Lengvari.
KEN MAJOR, BEng'76, is now assistant mill superintendent, Newmont Mines Ltd., Similkameen Division, Princeton, B.C.
ROSALIND M. VAZ, MD'76, has been appointed assistant professor of pediatrics at the Bowman Gray School of Medicine, Wake Forest University, Winston-Salem, N.C.
MARTIN WEBBER, BCom'76, graduated with a Master's degree from Harvard Business School, Cambridge, Mass., in June 1980 and is now posted in the Dakar, Senegal, office of Louis Berger International Inc., as senior economist and management planner.

'77
BRUCE KATZ, BSc'73, MD'77, is chief resident at the Columbia Presbyterian Medical Centre, New York, N.Y.
MICHAEL KRISA, BEng'77, has been appointed manager of the Quebec region of the Canadian Welding Bureau.
BARBARA M. SAMPSON, MA'77, has become manager, special reports, for the *Globe and Mail* "Report on Business."

'78
RICHARD BARBACKI, BEng'71, BCL'78, has become a partner in Selinger & Lengvari.
A. WAYNE MACKAY, BSc(Agr)'78, of Truro, does forestry research for the federal government in Nova Scotia.
JANIS L. TAYLOR, BA'78, MEd'80, is personnel manager for C.R. Harrison & Co., a retail firm in Barbados.

'79
PAT BRENNAN, MA'79, has been appointed portfolio manager of Standard Life Assurance Co., and vice-president of its investment counsel subsidiary.
STEVEN CHIN, BSc'79, has begun his first year of study at the New England College of Optometry in Boston, Mass.
JANET DRUMMOND, BA'79, is an information specialist with the Conference Board of Canada in Ottawa, Ont.
ROBERT FELDGAIER, BA'79, received a Master of Science degree in Urban and Regional Planning from the University of Toronto, Ont., last November.
ANDRE NOLS, BCom'79, will be the first assistant golf pro under Max Oxford at Milby, Que., next summer.
DAVID L. VARTY, LLM'79, is working for the Department of Justice as legal counsel to Transport Canada in Ottawa, Ont.

'80
BARBARA BELLAFIORE, MA'80, is national account executive in Time/Life Inc., New York, N.Y.
HELENE DE VOS, BSc'80, who will complete her medical degree at the University of Toronto, Ont., in spring 1982 recently won a Rhodes Scholarship and plans to study for a doctorate in oncology and radio-therapy at the University of Oxford, England.

'81
ROBERT BARRETT, BA'81, is studying law at Osgoode Hall Law School in Toronto, Ont.
LIONEL ALAIN DUPUIS, LLM'81, has been appointed Canadian vice-consul and third secretary at the Canadian embassy in Lima, Peru.

DEATHS

'97
JOHN ("JAKE") TURNBULL, BSc'97, at Vancouver, B.C., on Jan. 2, 1982.

'06
E.L. RAE (MOWATT) CHRISTIE, BA'06, at Fredericton, N.B., on June 25, 1981.

'12
ERNEST PEDEN, BSc'12, at Montreal, on Nov. 29, 1981.

'14
IRA J. McNAUGHTAN, BSc'14, on May 23, 1981.
R. EWART STAVERT, BSc'14, at Montreal, on Nov. 19, 1981.

'16
DOUGLAS B. ARMSTRONG, Eng'16, at Montreal, on Aug. 12, 1981.
Major-General C.A.P. MURISON, BA'16, on Oct. 31, 1981.

'17
Dr. J.D. NEWTON, BSA'17, on Oct. 6, 1981.

'19
BERTHA BAKER, BA'19, at Montreal.
NATHAN FREEDMAN, MD'19, MSc'28, on Nov. 27, 1981.
LUCILLE (LEFEBVRE) THOMSON, DipPE'19, at Montreal, on Nov. 27, 1981.

'20
ALAN M. BADIAN, BCom'20, at Ottawa, Ont., on Dec. 13, 1981.
E. MORTIMER GREAVES, BA'20, at Moncton, N.B., on Dec. 31, 1981.
ALEC P. GRIGG, BA'16, BCL'20, on Nov. 3, 1981.
JAMES A. MacDOUGALL, MD'20, on May 20, 1981.
Rev. RODERICK A. McRAE, BA'20, on Feb. 28, 1981.

'21
EUNICE BORDEN, BA'21, at Guelph, Ont., on Nov. 12, 1981.
HERBERT B. McLEAN, BA'08, MA'10, BCL'21, at Pierrefonds, Que., on Nov. 1, 1981.

'22
CLAYTON ELDERKIN, BCom'22, at Ottawa, Ont., on Jan. 19, 1982.

'23
HAROLD S. HELLER, MD'23, at West Palm Beach, Fla., on Feb. 16, 1981.
Dr. KATHLEEN WOOD-LEGH, BA'23, MA'24, at Cambridge, Eng., on Oct. 26, 1981.
FREDERIC YORSTON, BSc'23, MSc'24, PhD'28, on Dec. 3, 1981.

'24
EMMY LOU (HERZBERG) CAMPBELL, BA'24, at Delta, B.C., on Dec. 7, 1980.
SOLOMON W. WEBER, BA'24, on Dec. 31, 1981.

'25
CLEMENT MATTHEW ANSON, BSc'25, on Oct. 29, 1981.
JAMES A. GOLDIE, BSA'25, at Barrie, Ont., on Oct. 30, 1981.
ALLAN E. ROSS, BSc'25, at Montreal, on Dec. 27, 1981.

'26
ABRAHAM B. GINSHERMAN, MD'26, at Louisville, Ky., on Dec. 21, 1981.
EARLE L. SWIFT, BA'26, on Sept. 21, 1981.

'27
ARTHUR J. BENNETT, BSc'27, at St. Catharines, Ont., on Dec. 19, 1981.
HAROLD A. GORDON, DDS'27, on Nov. 21, 1981.
DOROTHY (ROBINSON) HASLEY, BA'27, at Montreal, on Nov. 23, 1981.
J.A. EMMONS McDONALD, BCom'27, at Montreal, on Nov. 18, 1981.
CHARLES R. SELLER, DDS'27, at Pointe Claire, Que., on Dec. 4, 1981.
JOSEPH TANZMAN, MD'27, in April 1981.

'28
ROSE MAGID, CertNurs'28, on Dec. 28, 1981.
G. DOUGLAS TAYLOR, MD'28, at Toronto, Ont., on Oct. 9, 1981.

'29
RUTH (CARNELL) RHODES, BA'29, at Oakville, Ont., on Oct. 8, 1981.

'30
Dr. ARMINE F. BANFIELD, BSc'30, on Oct. 31, 1981.
EVELYN R. CORNELL, BCom'30, at Montreal, on Dec. 22, 1981.
BALFOUR W. CURRIE, PhD'30, at Saskatoon, Sask., on Jan. 8, 1981.
Dr. EDWARD H. JOHNSON, BSc'30, at Toronto, Ont., on Dec. 8, 1981.
THOMAS R. JOPLING, BSc'30, at Montreal, on Dec. 4, 1981.
ADDISON K. LAING, BSc'30, on Oct. 23, 1981.
JACOB S. RUBIN, MD'30, at Alexandria, La., on June 10, 1981.

'32
DAVID M. LACK, BA'29, BCL'32, at Montreal, on Dec. 6, 1981.
Lt. Col. CHARLES E. PARISH, BEng'32, at Toronto, Ont., on Nov. 4, 1981.
HERBERT WHITING, MD'32, on Aug. 16, 1981.

'33
MOSES MENDEL ASPLER, BA'33, on Oct. 27, 1981.
A. MAXWELL BOULTON, BA'30, BCL'33, at Montreal, on Nov. 15, 1981.
ARTHUR W. GILMOUR, BCom'33, at Montreal, on Jan 18, 1982.
ERNEST E. MASSEY, PhD'33, at Ottawa, Ont., on Dec. 22, 1981.
HOWARD H. TINKLER, BEng'33, on Jan. 4, 1982.

'34
MARY (HIGGERTY) HODGKIN, BA'34, on March 17, 1980.

'35
C.F. ("BILL") CARSLEY, BA'35, at Montreal, on Nov. 3, 1981.

'37
JACK W. IREDALE, BA'37, on Nov. 3, 1981.
R.A. McGUIGAN, MD'37, in 1980.
S. CHARLES MOSELEY, BEng'37, at Ottawa, Ont., on Jan. 1, 1982.

'38
JAMES ALEXANDER DUNN, BSc (Agr)'38, at Victoria, B.C., on Sept. 4, 1981.
NORMAN J. KNEELAND, BA'38, at Montreal, on Dec. 20, 1981.
MARGARET (SWEET) LESLIE, BA'38, DipSW'40, at Montreal, on Nov. 22, 1981.
BRUCE P. SMAILL, BA'38, on Nov. 12, 1981.
DAVID C. TENNANT, BEng'38, on Jan. 15, 1982.

'39
BETTY (COE) ELLIOTT, CertNurs'39, in 1980.
JOHN A. TEET, BSc'39, at Ottawa, Ont., on Nov. 9, 1981.

'40
WILLIAM ("BILL") DICKSON, BEng'40, at Halifax, N.S., on Oct. 14, 1981.
IAN GILLEAN, BEng'40, at Victoria, B.C., on Jan. 9, 1982.
BETTY (HAMILTON) MAITLAND, BA'40, at Greenfield, Mass., on Nov. 15, 1981.

'41
NORRIS NUSSEY, BSc(Agr)'41, MSc'48, at Ormstown, Que., on Oct. 22, 1981.

'42
EDITH (KEMP) SCOTT, DipNurs Adm'42, at Vancouver, B.C., on Aug. 1, 1981.

'43
DOROTHY C. GRAD, DipNursPH'43, on July 15, 1981.

'44
MARCEL FILION, BEng'44, at Val D'or, Que., on Sept. 4, 1981.

'47
LIONEL McHENRY MAPP, BSc'43, MD'47, DipMed'49, on Dec. 22, 1980.
SYBIL ROSS, DipSW'47, on Oct. 31, 1981.

error - see June 1982 p. 25

'48
NICHOLAS D. ENGEL, BCom'48, at Montreal, on Dec. 14, 1981.
Dr. NANCY C. HALL, BSc'48, MSc'50, at Palo Alto, Ca., on March 1, 1981.

'49
LOUIS I. ARSENAULT, BCom'49, at Boston, Mass., on Nov. 22, 1981.
NORMAN PARSONS, BEng'49, at Montreal, on Jan. 14, 1982.
JAMES A. PATERSON, BA'49, at Fifield, Oxfordshire, England, on Nov. 1, 1981.

'51
FRANCIS T. ALLEN, BA'51, at Montreal, on Nov. 28, 1981.
CHARLES MICHAUD, MD'51, at St. Bruno, Que., on Oct. 24, 1981.

'56
MARTIN GOODMAN, BA'56, at Toronto, Ont., on Dec. 20, 1981.
GEORGE LUBINSKY, PhD'56, on Sept. 7, 1981.

'71
STUART R. McDONALD, DipAgr'66, BSc(Agr)'71, in November 1981.

'73
ROMAN KULCZYCKYJ, BCom'73, at Toronto, Ont., on Nov. 23, 1981.

'78
CHRISTIAN HEINTZ, MA'78, on Nov. 15, 1980. □

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TOUR CONDUCTOR: David Lank

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SOCIETY ACTIVITIES

Branching out

by Gary Richards

Since the annual meeting of the Graduates' Society last September, nearly half of the seventy branches have been active in a variety of ways ranging from social events, to admissions work, to phonathon preparations.

Among the most active branches are the McGill Society of Ottawa led by President Jack Tebbutt, BCom'40, and the McGill Society of Toronto with its president, Robert Coffey, BCom'56, who together with Michael French, BEng'59, organized a most successful Molson's Party in the fall with Vice-Principal (Finance) John Armour as guest speaker. As well, Toronto welcomed new Dean of Medicine Richard Creuss at a pre-Christmas reception. But the busiest branch, with its regular monthly meeting, is in Hong Kong. Here Lawrence Szeto, BArch'63, recently hosted such visitors as McGill architecture professor John Bland, BArch'33, and Principal David Johnston.

On the other side of the Pacific, a capacity crowd at the Victoria, B.C., branch entertained former-Principal Robert Bell, PhD'48, DSc'79, and his wife Jeanne, BA'48, BLS'53, at a gala reception and dinner organized by their president, Phil Neroutsos, DDS'60. At about the same time, Keith Dawson, PhD'67, and his executive were coordinating a family outing — a "Salmon BBQ" for Vancouver grads at the farm of Peter Webster, DipAgr'63. Medical graduates in that area also participated in a successful medical seminar coordinated by Ken Cambon, BA'49, MD'51, Hugh Brodie, BSc'49, MD'51, and others from the class of '51.

The McGill Society of Halifax Branch President David Hyndman, BCom'57, invited Tom Lawand, BEng'57, DipEng'63, MSc'68, director of the Brace Research Institute, to their fall get-together. Professor Lawand continued on to meet with graduates in New Brunswick led by their new President Leonard Morgan, MD'53. And Mike Crombie, BCom'56, president of the McGill Society of Calgary, reports that their annual Montreal Nostalgia Night was, for the third year in a row, a sellout.

The continued efforts to encourage the development of the McGill Society of Great Britain were enhanced by the reception at Canada House arranged by Sid Schachter, BCom'47, former vice-president of the New York Society, who was responding to an invitation from George Cowley, BA'51, of the Canadian Consulate Office. The guest speaker, director of the History of McGill Project, Dr. Stanley Frost, made this London stopover after completing his duties as this year's leader of the Society's India, Sri Lanka, Nepal tour.



Hosting a branch reception in their New York City residence, Dr. Richard Coburn, MD'64, and his wife Maria show off their McGill souvenirs.

In New York, the traditional pre-Christmas McGill alumni reception was graciously hosted by Richard Coburn, MD'64, and his wife Maria. While in attendance, Richard Hart, PhD'70, MBA'72, introduced Rodney Tait, BEng'61, MEng'64, PhD'71, as the new branch-president. And in sunny Atlanta, President Jeremy Croggan, BCom'60, and his executive organized a buffet dinner hosted by John Jenkins, BCom'57, and his wife Ann. Their special guest was Vice-Principal (Academic) Samuel Freedman, BSc'49, MD'53, DipMED'58. The previous evening Dr. Freedman had been the guest of the McGill Society of Florida at the invitation of Allyn Lean, BA'75, and Fred Seligman, BSc'59, MD'63.

Principal Johnston, as usual, has been visible in the Society. He made his first visit to the Philadelphia branch and was welcomed by President Elizabeth Gillies, MA'41, and past-President Gerry Kaunat, BEng'54. Here, Johnston renewed his acquaintance with Alan Sampson, MD'31, to whom he had presented a 50th Anniversary Pin three months earlier at Reunion'81. Then Johnston was welcomed by Rhoda Knaff, BA'52, MPS'54, at a special reception at the Canadian Consulate in Washington, D.C., a day later.

Back in Montreal, the Principal was the special guest at the Macdonald branch annual meeting and reunion luncheon. Here he presented Honorary Branch President David Stewart, LLD'78, with a Gold Convocation Medallion in recognition of the strong leadership that he has offered to Macdonald alumni, resulting in support for the redevelopment of their Ste. Anne de Bellevue campus.

Staff people including Gavin Ross, director of the alma mater fund, and Tom Thompson, BSc(PE)'58, MEd'78, director of alumni affairs, have also been in evidence at many Society events. On two occasions, in Chicago and in Edmonton, Thompson was guest speaker. At the latter, he marked the election of John Lindell, BCom'59, CA'61, and while in Chicago, he congratulated rookie President Chris Doonan, BSc'80.

Grads give the inside scoop

When a first-year student was asked recently about which factors were instrumental in his choosing McGill, he replied, "A local graduate told me the inside scoop!" He was referring, of course, to the applicant follow-up programme run by McGill grads.

The idea for this programme was sparked when Director of Information and Liaison Alta Abramowitz, BA'59, MEd'72, observed that most McGill applicants outside the province have almost no opportunity to talk to a McGill person since liaison visits are normally conducted before applications are submitted. During her travels she was also struck by the eagerness of prospective students to be put in touch with local grads who could give them an insider's view of academic and social life. Realizing that contact with applicants could benefit both the students and the university, Abramowitz solicited the help of the Graduates' Society to set up a system of communication between applicants and local grads.

The positive results obtained in pilot projects three years ago by Nancy Lowden, BA'70, in Vancouver, and Merilyn Crombie, DipPOT'60, and Jackie Engstrom, BSc'70, in Calgary, provided the necessary encouragement to expand the programme. Today, almost every major Canadian city is involved, as well as Boston, New York, and Washington.

The structure of the programme varies from one place to another. In Toronto, for example, Paul Savatore, BA'72, BCL'78, LLB'79, has managed to build up a team of twenty-one volunteers. Smaller cities require the participation of only one or two people. In Calgary and Washington last year the programme coordinators invited accepted students planning to enrol in the fall to a reception to meet each other along with local grads and current students.

The programme is organized in cooperation with Director of Admissions Peggy Sheppard, BEd'64. Approximately one month after the March 1 application deadline, Sheppard obtains lists of applicants by geographic area that include addresses, phone numbers, and desired programmes of study. These lists are mailed to the volunteers by April 15 so that telephoning can be completed by mid-May. Although applicants who send in their documents ahead of time may have already been offered admission, many are awaiting a decision. Volunteers occasionally express their hesitation at contacting students who may ultimately be rejected or who may have received a notice of refusal in the interim. This can be awkward, Abramowitz admits, but one of the purposes of the programme is to encourage out-of-town applicants to choose McGill if they are accepted. Experience has shown that telephoning is less productive in late spring when students have already made up their minds to go elsewhere; hence the importance of making contact as early as possible.

Abramowitz corresponds with each volunteer before the lists are sent, explaining how to conduct a phone call and advising to whom specific questions should be directed. A packet of relevant printed materials is included to provide basic information. Although the programme has been working effectively in certain areas Abramowitz feels there is still a lot to be done in some cities. She is also preparing a handbook to serve as a comprehensive guide for all participants.

The applicant follow-up programme benefits not only the university's admissions and liaison staff, but also the graduates who participate. Volunteers have reported that they thoroughly enjoy having the opportunity to share their McGill experiences with students keen to get the "scoop."

Abramowitz is always on the look-out for volunteers. Recent graduates are particularly valuable to this programme since they have a fresh perspective on McGill. Anyone interested should write to: Tom Thompson, Graduates' Society, 3605 Mountain St., Montreal, Quebec, H3G 2M1. □



Ron Vickers

The Toronto team (left to right: Stephen Schwartz, BCom'75, BLC'78, LLB'79; Jane Connor, BA'75, DipMgmt'78; Paul Salvatore, BA'72, BCL'78, LLB'79; Bob Coffey, BCom'56; Janet Anderson, BA'73, LLB'79) gets together to discuss plans for contacting local applicants.



Unfurling a Union Jack and the stars and stripes, a crowd gathered on lower campus in 1876 to watch Harvard and McGill play a game of football that combined Canadian and American rules.

PERSPECTIVE

McGill and the origins of American football

by E.C. Percy, BSc'49, MD'51, MSc'54, DipMed'57, and H.R. Brodie, BSc'49, MD'51

Having allegedly evolved during the Danish occupation of England when belligerent Anglo-Saxons kicked Viking skulls from village to village, football, of a slightly less bellicose sort, was imported to the New World by seventeenth and eighteenth century colonists. In 1840 a reporter wrote of a Yale University game: "If the truth were told, the game would make the same impression on the public mind as a bullfight. Boys and young men knocked each other down and tore off each others' clothing. Eyes were bunged, faces blackened, much blood was spilt, and shirts and coats were torn to rags." By 1860 the game was abolished in many American schools, but in 1862 Gerritt Smith Hiller organized a group at Yale to play again, using rules that were a reasonably close imitation of soccer. Still the game was often more an excuse to beat up freshmen than anything else!

In 1871 Harvard University started to play a variation known as the "Boston Game." This game allowed a player to scoop up the ball and run with it if he were chased, varying from the game that had been prohibited in 1840. In the fall of 1873 Yale invited Harvard, Princeton, Columbia, and Rutgers to a convention in New York to draw up a set of rules for an intercollegiate football association. Harvard shunned the meeting because the proposed association would not consider the rules of the "Boston Game." It, nevertheless, challenged Yale to a game in 1874. Yale, however, played a game resembling soccer and thus declined because of the different rules. Harvard captain Henry Grant was anxious for his football team to engage in competition and had heard that a similar game was played at McGill University. Consequently, he contacted the captain of the McGill team, David Roger, and invited them to play two games in Cambridge, Massachusetts on May 13th and 14th, 1874. These were to be the first real football games.

Until this time, Harvard had been playing a game that today would be considered very similar to what we call soccer football. McGill arrived in Cambridge several days prior to the game and practised each day. The Harvard team was surprised when the McGill players kicked the ball and subsequently ran with it under their arms. The Harvard captain pointed out politely that this violated a basic rule of American football. The McGill captain replied that it did not violate any rule of the Canadian game. When asked, "What game do you play?" Roger replied, "Rugby." They then managed to agree to play the forthcoming games with half-Canadian, half-American rules.

The following day a notice appeared in the Harvard University paper: "The McGill University Football Club will meet the Harvard Football Club on Jarvis Field, Wednesday and Thursday, May 13th and 14th. The game probably will be called at 3 o'clock. Admittance 50¢. The proceeds will be donated to the entertainment of our visitors from Montreal." Early in the first half, the Harvard team so enjoyed running with the ball that they agreed to play the remainder of the game with Canadian rules, which stipulated that the ball could be picked up and carried. Harvard normally played with 15 players, but McGill could only field 11 men so the Boston team agreed to use 11 athletes (the number now fielded in the present game of American football.)

The first game was won by Harvard 3 – 0, and the game played on the following day ended in a scoreless tie. Harvard liked the McGill game so much that it adopted the McGill rules, which gave credit for touchdowns as well as field goals. These rule changes, which included tackling, led inevitably to the physical contact of our present day collision sport.

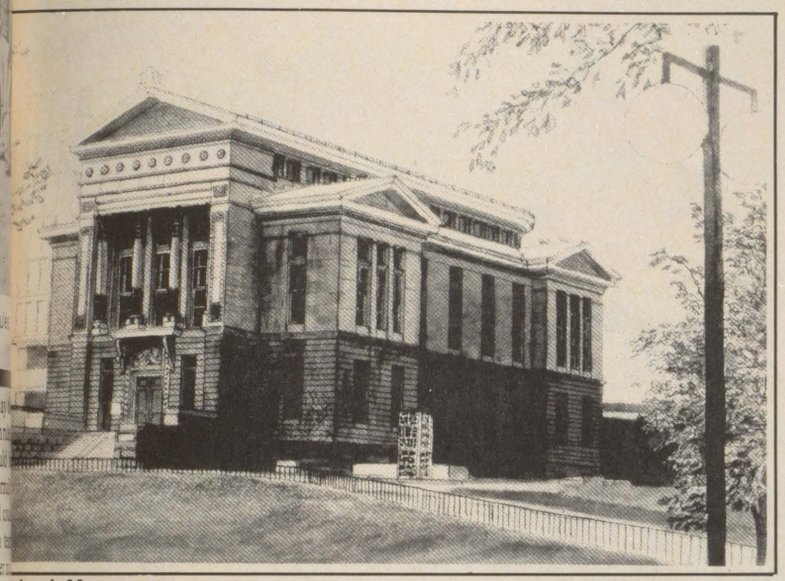
In the fall of 1875, Harvard challenged Yale to a match and suggested the use of a set of rules combining soccer and Rugby, such as Harvard had learned from its Canadian rival the previous year. The game was eventually played under a combination of both soccer and Rugby rules, but Yale apparently won the concession of using a round, rather than oval, football. Harvard's triumph over Yale at this so-called "Concessionary Game," was witnessed by a "Sss-boom-bah" cheering crowd of 2,000 spectators, bedecked in coloured shirts, stockings, and knee breeches.

Harvard went on to play McGill again in Cambridge and in Montreal in 1876, '77, '79 and '82: winning all the games, they retreated south of the border for some time. Then on Saturday, October 19th, 1974 McGill made its comeback. To celebrate the 100th anniversary of the historic McGill-Harvard "American" football game, the McGill rugby team (which most closely resembles the team that participated in the original matches) challenged Harvard, beating them 6 – 3. This centennial game led to an annual return match between the Harvard and McGill rugby teams in a spirit that is reminiscent of those first college games. □

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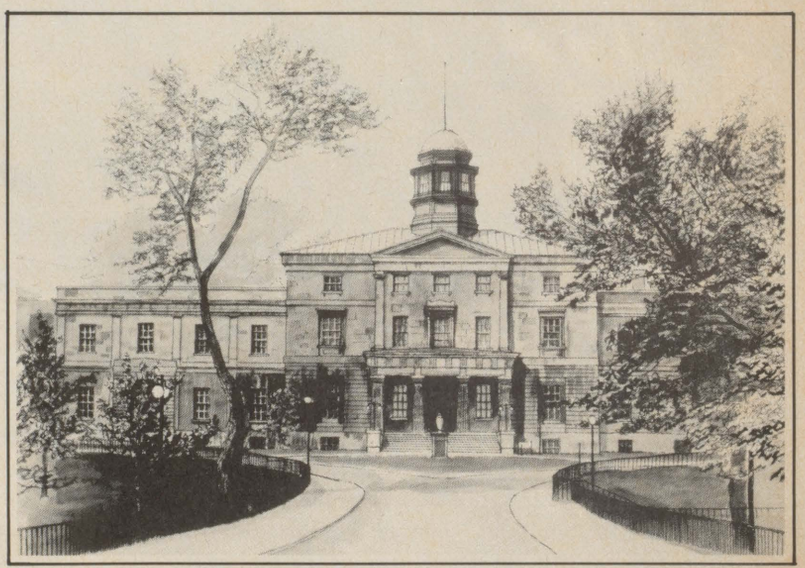
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Does your alma mater matter?



"I remember that. It was about a year after we came back from the South Pacific wasn't it?"

Have you ever noticed how our lives are measured from landmarks; from times when we feel that we've made it, we're on top of the world? Some events, like graduating from university, are both landmarks and stepping stones. When we reach them, we can go anywhere. And when we get where we're going (or even along the way) it's nice to look back at where we've been, to remember how we got where we are.

At the *McGill News* we try to keep you in touch with one of the landmarks in your life. In the *News* you'll find the people who shared your triumph at graduation and learn what they're doing now. You'll also discover the issues facing McGill today and meet the people who are shaping the university of tomorrow.

The *News* is sent free of charge to all grads in the first two years following their graduation, to certain members of the faculty and staff, and to all other grads and friends of the university who make annual contributions. (Libraries and other institutions may subscribe for $10 per year.)

If you have not already done so, we invite you to make a (tax deductible) contribution to McGill in order to continue receiving the *News.*

Remember your alma mater. Wherever you go, it matters.

Please make cheques payable to the Martlet Foundation (or, if you are a resident of the United States, to the Friends of McGill University Inc.) and forward to:

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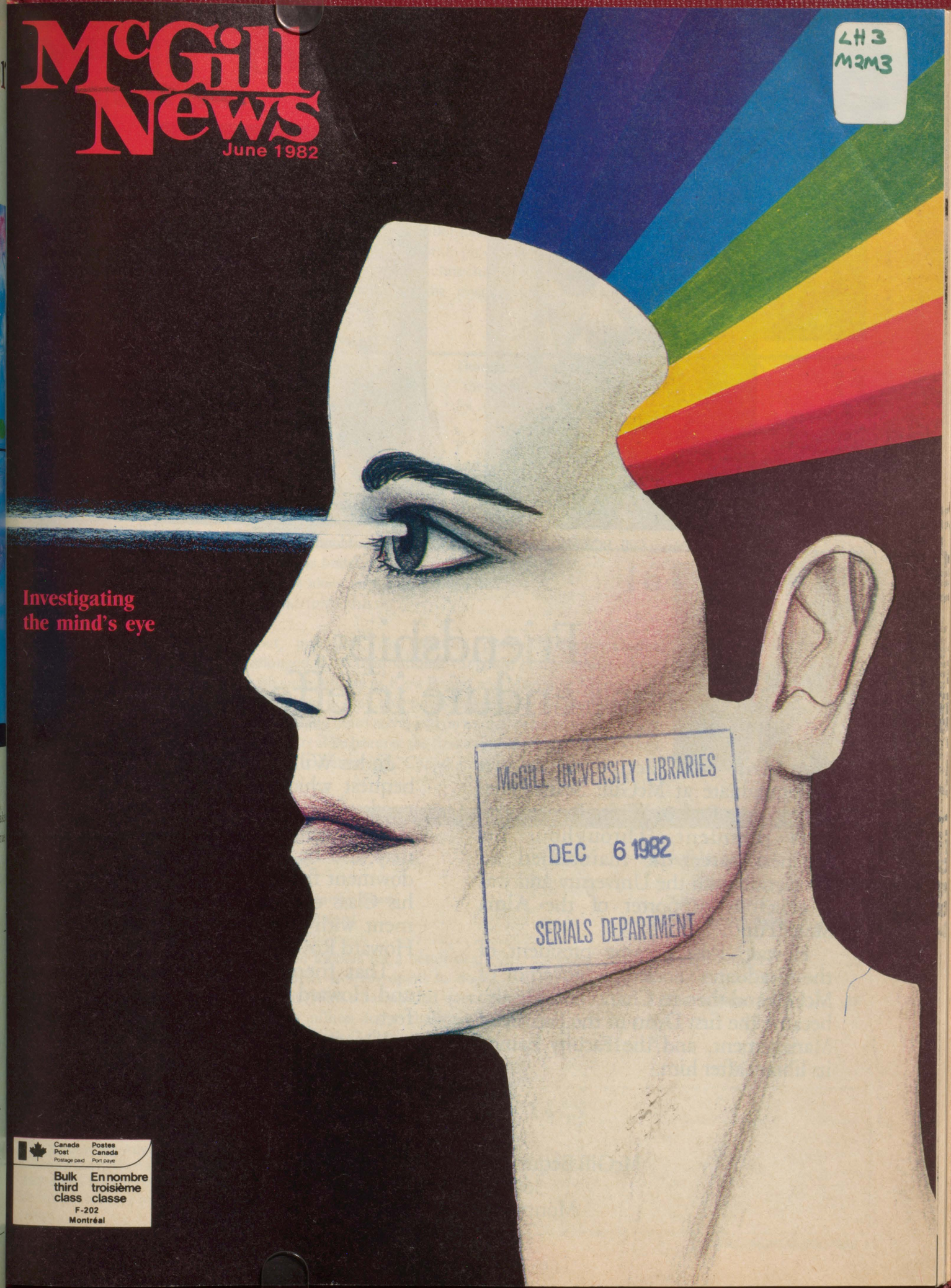
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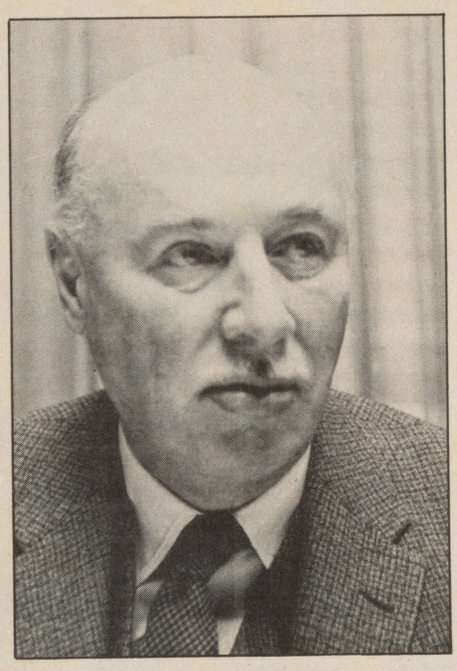
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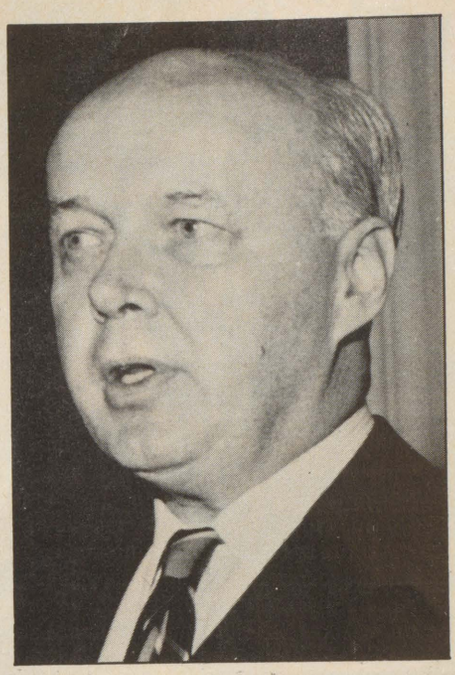
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Francis Gill, BCom'30



Howard Ross, BA'30

Friendships that endure in effect.

Fran Gill was active while an undergraduate at McGill; Scarlet Key Society, the Red & White Revue, and class president. Throughout his business career he maintained an association with the University and was a generous supporter of the Alma Mater Fund.

Howard Ross became president of the Graduates' Society, a governor of McGill and then its Chancellor. He also became the first Dean of the Faculty of Management, and the Faculty named its library after him.

In his Will, Fran Gill left a generous bequest which is being used for the needs of the Howard Ross Library.

The thoughtful bequest of Fran Gill may also be the beginning of an endowment fund that other members of his Class of Commerce '30 may augment with their own bequests to the Howard Ross Library.

That friendship between Fran Gill and Howard Ross endures today in effect.

If you would like information concerning bequests and Wills, please call or write:

McGill Bequest & Planned Giving Program
3605 Mountain Street
Montréal, Québec H3G 2M1
Tel.: (514) 392-5932

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Insight into vision **11**
by Alison Nesmith

Nobel laureate David Hubel has spent almost twenty-five years examining how the brain processes visual information. His research reveals the architecture of the visual cortex and sheds a little light on the mystery of how our brains function.



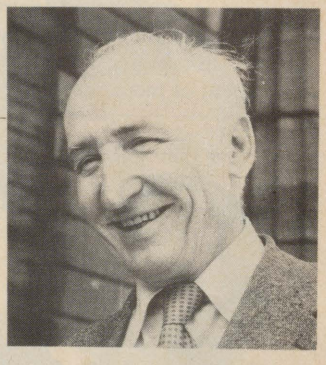


Thomas Schnurmacher:
"the dean of Canadian gossip" **14**
by Alison Nesmith

Primed on the movie magazines he read as a child, columnist and radio broadcaster Thomas Schnurmacher has made a career out of Hollywood gossip and Montreal small talk. Read all.

Poet Louis Dudek:
"Put me alone on a desert island and..." **16**
by Charlotte Hussey

Poet, publisher, and McGill professor Louis Dudek belonged to an international vanguard of modernism along with such writers as Ezra Pound and Marianne Moore. His short lyric poems and book-length lyric meditations were influentially innovative, and on a small press in his basement in Montreal he became the first to publish many of the who's who of contemporary Canadian poetry.



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LETTERS

Giving credit where it's due

Upon receipt of my *McGill News* I was pleased to see mentioned the achievement of a number of our scientists-authors under the heading of "Newsbreak" on page 2. There is no question that being so identified by the Institute for Scientific Information is an extremely great honour.

However, I was saddened to learn that Dr. Peter Macklem was noted as being a member of the department of physiology. Granted, Dr. Macklem does have a cross appointment in physiology, but he is the chairman of the department of medicine at McGill University and the physician-in-chief at the Royal Victoria Hospital. There is certainly no question that over the years his primary activities have been in the department of medicine, and we are all very proud of him as our mentor and chairman. Similarly, Dr. Phil Gold is noted to be a member of the department of oncology. Granted, Dr. Gold was the director of the McGill Cancer Centre at one time and does work in the field of oncology, however, he is a full professor of medicine and the physician-in-chief at the Montreal General Hospital. Again his primary academic activities in research have been within the department of medicine.

As a member of the department of medicine who is very proud of Dr. Macklem and Dr. Gold's achievements, and since they hold the two highest posts in our department, I obviously would like to have them so identified.

Nonetheless, I enjoyed the winter issue of the *McGill News,* and I always look forward to reading about interesting developments throughout our university.

W. Dale Dauphinee, M.D.
Associate Physician-in-Chief,
Royal Victoria Hospital

Editor's Note: In the same vein, it should also be mentioned that Dr. Samuel Freedman is McGill Vice-Principal (Academic) and a professor of medicine at the university medical clinic at the Montreal General Hospital; Dr. Kresimir Krnjevic is chairman of the physiology department and director of the anesthesia research department; Dr. Joseph Milic Emili is a professor of physiology and director of the Meakins-Christie Laboratories; Dr. Charles Leblond is a professor of anatomy and histology; and Dr. Beverley Pearson Murphy is an associate member of the department of physiology, and a professor at the Montreal General Hospital's university medical clinic and their department of obstetrics and gynecology.

Let's not forget

In the Winter 1982 issue of the *McGill News,* you have included a page of photos from "My Fur Lady" (MFL), and a short paragraph relating to the show and the coming September reunion.

You mention five names associated with the show, but omit Erik B. Wang who, along with Macdonald, Porteous, Domville, and MacSween, was one of the creators and owners of the show. You have included Galt MacDermot at the top of the list, and while Mr. MacDermot has gone on to immense success and fame in later years, as far as MFL was concerned his participation was limited to the music for, as I recall, 2½ songs.

Donald J.A. MacSween, BA'56, BCL'61
Director General,
National Arts Centre

The McGill News *staff sends its apologies to Erik B. Wang for the omission of his name.*

Unveiling the problem for the west

I read the article written by John Goddard in your issue dated Winter 1982 entitled "Looking beyond the veil," and found that it has not given a fair picture of what I wished to say. Goddard simply wanted to make a nice story, a contrast between a Western convert to Islam and a Muslim apostate. The writer of the article reduced me to a person who rejected all aspects of her culture, which is mere distortion! I have made it clear to Mr. Goddard that while I find exterior aspects of Egyptian culture oppressive, I continue to appreciate and be moved by its various levels of expression, its language, literature, poetry, music, painting, spiritual aestheticism, and most of all its problems.

Also, I wish to add here that women in the Middle East have more serious problems to face in their respective societies than the "problem" of the veil, which seems to constitute more of a problem to Westerners than to us.

Please publish my comments as corrections to Mr. Goddard's article.

Huda Lutfi
Doctoral Candidate,
Institute of Islamic Studies

If you have any comments on McGill News *articles or ideas concerning the Society or the university, share them with your fellow graduates by writing the* McGill News, *3605 Mountain Street, Montreal, Quebec, H3G 2M1*

CANADA DAY:



Exercise your rights and your lefts!

PARTICIPACTION

NEWSBREAK

Endeavours and consequences

Hugh G. Hallward, BA'51, president of Montreal's Argo Construction Inc., will become the new chairman of McGill's Board of Governors on July 1. Hallward, who was first elected to the Board as a Graduates' Society representative in 1977, succeeds Quebec Provincial Court Chief Justice **Alan Gold** who has been the Board's chairman since January 1978. (See article page 4.)

Colin McDougall, BA'40, McGill's Secretary-General will retire August 31 after thirty-six years of service with the university. **David Bourke,** BArch'54, will step in to replace McDougall while continuing with his duties as director of university relations.



David Bourke

Over at the Student Services Building **Kay Sibbald,** PhD'76, an associate professor in the Hispanic studies department, will become acting dean of students when Dean **Michael Herschorn,** BA'53, MA'56, PhD'58, steps down in order to take over as chairman of the mathematics department in July. Sibbald will be no stranger to her new position, having served as associate dean of students since 1979.

In the Faculty of Medicine, associate professor **Dr. William Gerstein,** BSc'51, has been appointed dermatologist-in-chief at the Montreal General Hospital replacing **Dr. Roy. R. Forsey** who will keep up his association with the dermatology department and maintain his private practice.



Lori Henritzy and Brian Decaire

The Association des médecins de langue française du Canada has awarded a medal to McGill linguist **Michel Paradis,** MA'66, PhD'69, in recognition of his contribution to research into aphasia – the impairment of the ability to use or understand spoken or written language. Language aptitude tests developed by Paradis and a team of fourteen graduate students in McGill's linguistics department are being experimented with in hospitals in Montreal and around the world.

Noted for his research in medicinal and bio-organic chemistry, Professor **Bernard Belleau,** PhD'50, has been made an Officer in the Order of Canada.

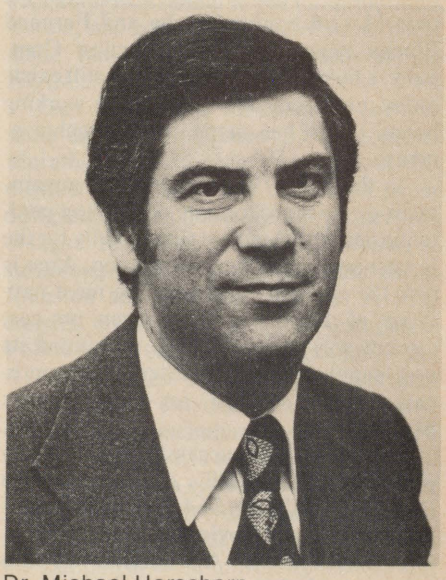


Dr. Kay Sibbald

Education professor **Margaret Gillett** will hold a named chair as of September 1 when she becomes Macdonald Professor of Education.

A crowd of more than four hundred participated in the festivities and many people were honoured at the Annual Intercollegiate Sports Awards Banquet held at Montreal's Chateau Champlain in April. Arts student **Brian Decaire** who led the Redmen Soccer Team to its first national championship and who recently was made a member of the Montreal Manic won the Forbes Trophy, presented to the graduating male who has brought most credit to the university through his athletic achievements. Biochemistry student and McGill swimmer and diver **Lori Henritzy** received the Muriel Roscoe Award, which goes to the graduating woman who has shown most proficiency and leadership in athletics.

McGill students **Svetlana Markovic** and **John Wyzykowski** from the departments of civil and mechanical engineering have been honoured by being asked to present a paper at this year's meeting of the Canadian Society for Engineers. They are the first undergraduates ever to be invited to speak at this annual gathering. And modern languages major **Warren Cabral** has become the ninth McGill student to win a Rhodes Scholarship in the last four years.



Dr. Michael Herschorn

It may surprise those who think Quebec universities pay little or no attention to each other to learn that McGill's Faculty of Graduate Studies and Research has published a list of twenty-nine endeavours –research projects, publications, working papers, seminars, conferences, professor exchange programmes, and equipment sharing – that are undertaken jointly by McGill and the Université de Montréal.□

WHAT THE MARTLET HEARS

Hugh Hallward ponders the $64,000 question

Hugh Hallward's family home for the first twenty-five years of his life was the huge stone house at the corner of Mountain and Dr. Penfield that is now called Martlet House and shelters the Development Office and the Graduates' Society including the *McGill News.* Smiling at his memories of the building he moved out of just before he married, Hallward, BA'51, who will become chairman of the McGill Board of Governors in July, says: "It was an utterly impractical house to keep up."

But admittedly his background has well prepared him for the new responsibilities he will assume at McGill. "I was born into an atmosphere of happy economic circumstances," he explains, "and I wanted to establish the fact that I could paddle my own canoe." Thus in 1952, a year after his own McGill graduation, he and Fernand Bibeau began Argo Construction Company, a business partnership that still exists today and occupies Hallward's working hours. Argo has some notable achievements.

In the early 1960s the federal government set up a programme of building penitentiaries, and Argo bid successfully for the largest portion of the construction. Argo is also the company that built the most pavilions at Expo'67. And when pre-cast cement was still new, Argo promoted its use, supplying three-quarters of the pre-cast cement needed for the Olympic Stadium.

What does this successful businessman plan to do as McGill's Chairman of the Board? "That's the $64,000 dollar question," he grins. "Obviously chairing meetings will be one job." And another will be to help guide McGill through an economically troubled era. Hallward has the air of a practical man faced with a future that doesn't look rosy. "It's a question of strive to survive," he says. But, on the positive side he adds that one of McGill's strengths is the loyalty and financial support of its alumni.

A loyal graduate himself, Hallward is genuinely concerned about the future of the university. "McGill is actually a *multiversity,*" he says, "because it's a lot of different things. And I see that as a strength: the more pieces in the mosaic, the more valuable it is." He believes the university plays a role in areas beyond education. For example, it has been successful in "quietly and effectively harmonizing some of the discords in Quebec society today." To illustrate this Hallward cites McGill's offer to give francophone students the right to take exams and write papers in French. He feels this has made the French-speaking community much more sympathetic towards McGill.

Although these are financially difficult times for any university, Hallward seems prepared to take on the rough sledding. He smiles thinking back to the time spent in the big house at Mountain and Dr. Penfield. "On some days in the winter we could sled down Mountain Street as far as the Chateau Apartments. But you had to turn really quickly at the bottom before you hit the cinder road." *John Geeza*□



John Geeza

Martlet House, Hugh Hallward's childhood home, "was utterly impractical to keep up."

Shirley Thomson: new directions for the McCord



Director of the McCord Shirley Thomson plans to change the Museum's image.

In Shirley Thomson's office a bulletin board hangs empty like a stretched canvas waiting to be painted. Close-by, the McCord's newly appointed director pours over the papers that litter her desk, busily sketching out a new image for the museum. Energetic and ambitious, Thomson, PhD'81, took over the directorship on February 1 and confesses that "it's really too early to say anything" about her progress on the job.

Nonetheless one project Thomson is focussing on is the McCord's public image. "We want to change our image from being solely an Anglo-Saxon institution. Our collection includes the French Canadian heritage as well as that of native people across Canada. We have to make ourselves known to a broader cross-section of the population." Having no publicity budget, the indefatigable Thomson is implementing an educational programme in cooperation with the schools. Following the example of the Montreal Museum of Fine Arts, where she worked on the Largillière exhibit, Thomson plans to extend museum hours, starting in September, to accommodate school excursions. Thus, guided tours will be available for both children and adult museum-goers. Explains Thomson, "Not everyone has a trained eye. The institution must help the public become receptive to the collection."

Thomson's experience living and travelling in Europe has contributed to her conviction that museums are popular institutions, and she intends to open an espresso and wine bar in the McCord to encourage lunchtime museum visits. Thomson hopes that employees from several newly constructed, nearby office towers will take an *après* lunch café while viewing the exhibits – a common practice in Europe.

From the perspective of someone who has lived abroad, Thomson wishes, through placing emphasis on social history exhibitions at the museum, to dispel the misconception that colonial Canadians were merely hewers of wood and drawers of water. "It wasn't strictly a peasant survival situation," she asserts, pointing to examples such as the chamber music of Nouvelle France recently unearthed in the archives of Lionel Groulx. "They had ideas and put emphasis on the intellectual and spiritual aspects of their society."

Thomson brings to the McCord a wide range of experience in administration and the arts. After earning a BA in art history from the University of Western Ontario in 1952, she accepted an administrative position with NATO in Paris and later worked in a similar capacity with UNESCO and the World University Service of Canada, organizing conferences in such exotic places as Algeria and Pakistan. While in Washington, DC, she combined her love for art and history, earning a master's degree in art history at the University of Maryland in 1975. And in 1981 she became the first person to be granted a McGill PhD in this discipline.

For the most part she has adopted a leisurely approach to her studies, which she describes as "directed reading," usually done while working concurrently on various short-term job contracts. From 1978 to 1980 she served as director and deputy commissioner of the UNESCO pavilion at Terre des Hommes. She has contributed to CBC's prestigious programme, "Man Alive," and has taught art history at Concordia University – a career that ended abruptly when she broke her leg falling off a bicycle.

Thomson feels "lucky" that her interests have led her to her present position. "It's a fascinating job and I really am delighted to be working with interesting objects and interesting people. I consider myself very fortunate," she admits, "because if one has a chance to follow one's interests in life, that's about the luckiest thing one can do." *Judee Ganten*□

Johnston lobbies for a better deal

"University leaders have to be prepared to speak beyond the ivory tower," says McGill Principal David Johnston. A veteran of many campaigns to focus public attention on the plight of universities in this difficult economic era, Johnston has responded to cutbacks in university funding by lobbying on both federal and provincial fronts.

At the federal level, Johnston serves on the board of the Association of Universities and Colleges of Canada (AUCC). Almost two years ago this organization, with a membership comprised of some seventy schools, began through meetings with government officials, press releases, and a steady flow of information, to make government and the public aware of the serious effects of budget cuts on higher education. And Johnston's belief that post-secondary education is essential to the cultural, intellectual, and scientific fabric of society has made him an important voice on the AUCC.

Last September, for instance (on the same day he participated in the Montreal Marathon) Johnston was one of six AUCC members who drew up a discussion paper designed to open debate on the proper role of higher education in Canada, the costs of sustaining it, and who should bear them. Johnston also proposed that the AUCC embark on a public relations campaign. Following Johnston's suggestion, the AUCC adopted a set of guidelines providing member universities with a checklist of things to do (including meeting with MPs and establishing ties with the local media). It has also set up a system by which member institutions report on their activities. Johnston feels confident that by the end of the campaign, more university leaders will realize the importance of speaking out in support of their schools. "I think we will have more believers," he says.

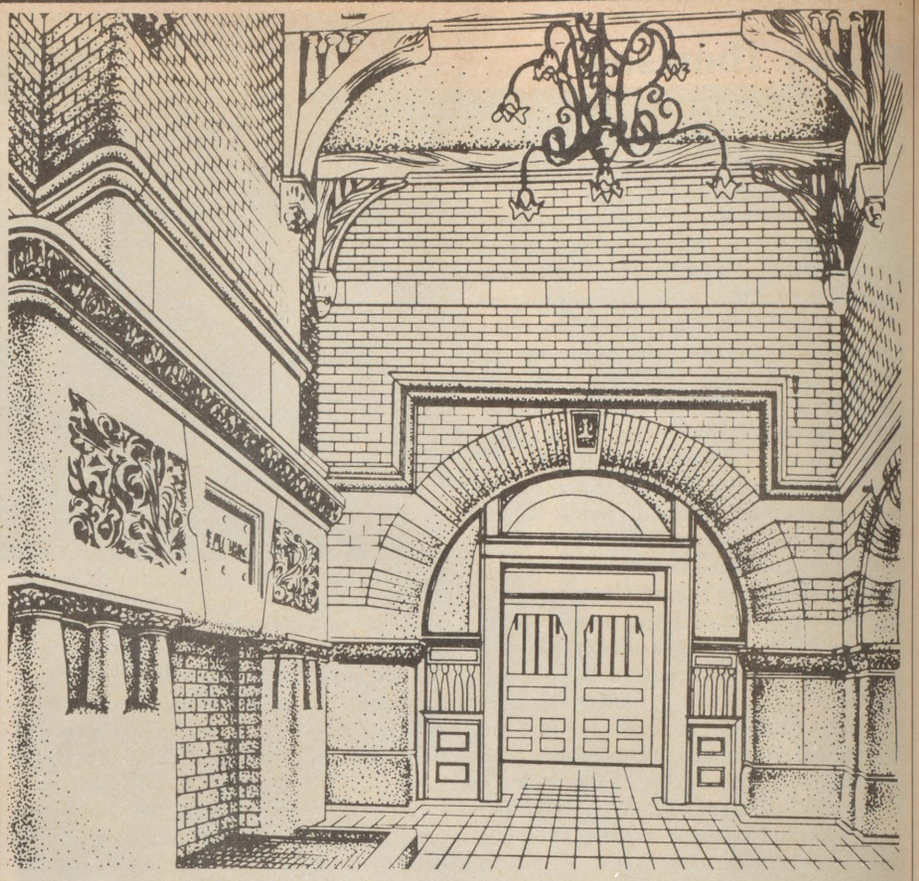
Meanwhile, on the provincial front, Johnston has been working very closely with the Conference of Rectors and Principals of Quebec Universities, which has been battling against cutbacks in Quebec's educational spending. Johnston says that while the universities account for 4 per cent of provincial government expenditure, they have recently been made to bear 8 per cent of the cutbacks made in Quebec's overall budget. Moreover, universities have been more seriously affected than primary or secondary schools.

In the face of these grave budgetary measures, the Conference has waged a campaign of private talks in government circles and public statements including a

press conference last November in which Quebec university leaders spoke to the media. Johnston thinks this strategy has been successful. "One always assumes that people in the Ministry of Education understand what happens to universities when their budgets are compressed," Johnston says, "but this is not true."

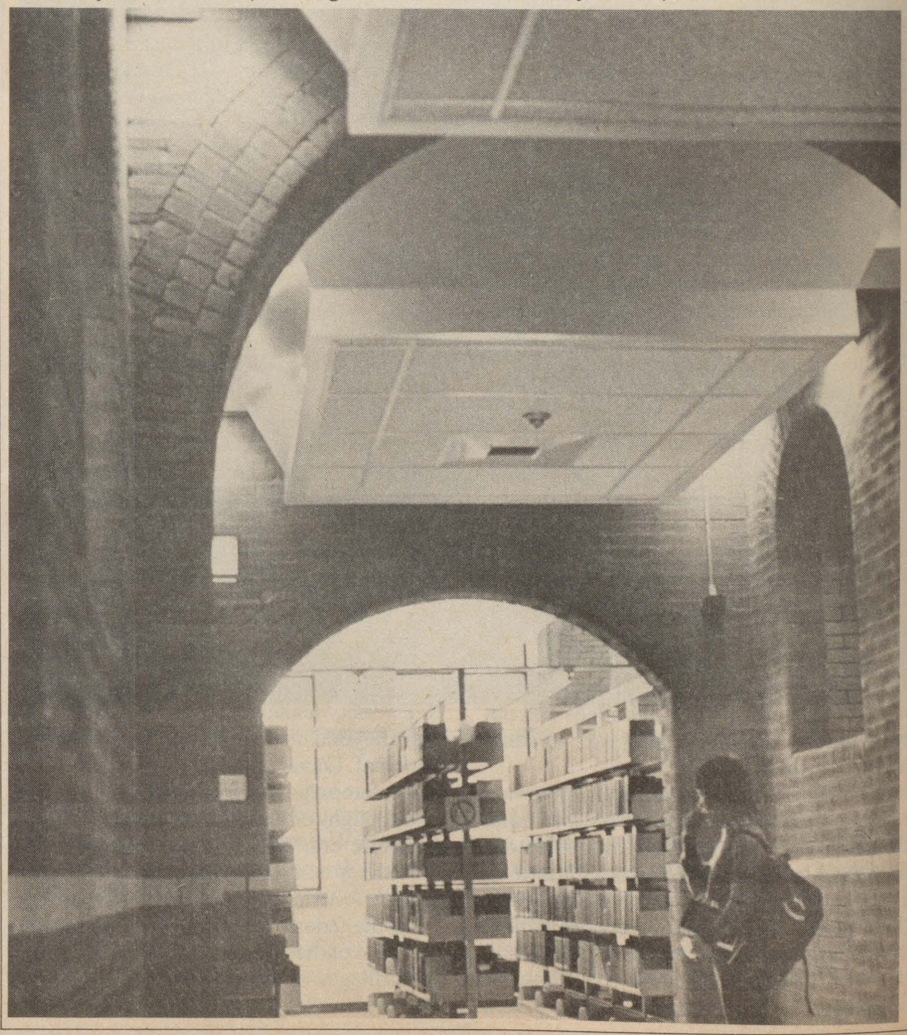
Whether or not all the changes can be attributed to the Conference's actions, Johnston has noted that both the francophone and anglophone media are showing increasing concern for Quebec universities. He has also seen a shift in government attitudes and is convinced that "we now have people in the Ministry who believe in the efficacy and efficiency of the university system. They are working hard to support it. And these same *fonctionnaires,"* he adds, "now believe that the university bore cuts that were disproportionate."

The next step in assuring the future of higher education, Johnston feels, will be to focus the attention of business, corporations, citizens' groups, and various institutions on the vital role that universities play in our society. Johnston believes this might be accomplished by addressing specific issues such as Canada's urgent need for research and development. University alumni will be indispensible in carrying out this task. Johnston says: "It's awfully important that we acquire the support of our closest friends – the alumni – to be McGill's ambassadors in the public arena at a time when the university is under attack."
Alison Nesmith□



Sketch by John Zacharias

Archways and old fireplaces give the PSEAL its cozy atmosphere.



Courtesy of the McGill Reporter

The PSEA Library opens its doors

Students say, "It's great! It's warm! It's cozy!" These words could refer to the latest little espresso bar to appear near campus, but they actually describe the new Physical Sciences and Engineering Area Library (PSEAL) that opened its doors in January.

Housed in the old Macdonald Physics Building on lower campus, the PSEAL's offbeat charm results from constructing a functional twentieth century library inside a unique nineteenth century framework. Stacks and study tables are surrounded by pillars, archways, and fireplaces with quiet reading areas tucked away in far-off corners. This nook-and-cranny library combines the collections of the Engineering Library and Physical Sciences Library, both of which no longer had enough room for either books or students.

PSEAL Area Librarian Bob Freese says the need for a new library was first recognized in the mid-sixties, and the possibility of moving into the old physics build-



John Geeza

Professor of physiology Douglas Watt says: "We all experience motion sickness, but it hasn't been studied very much except in times of war."

ing was under consideration for many years. Freese likes to illustrate how lengthy the deliberations were by telling a story about his first day at McGill in October 1973. As he was walking across campus with the then-director of libraries, Dr. Richard Farley, his new boss pointed to the Physics department's old home and said, "In two years you'll be in that building."

Six years later, in September 1979, the project finally got underway. As a first step, the building was completely gutted except for the structural walls. Then the architectural firm of Desnoyers and Mercure began supervising the reconstruction. The inner walls were sandblasted, revealing a warm reddish brick: floors were built, windows replaced, and wiring redone. Although the original entrance facing Sherbrooke Street was closed, the massive front hall fireplace remains, the command, "Prove All Things," carved with Victorian authority below its mantle. The original staircase has been removed, but its wooden banister provides adornment and support in the new stairwell.

While work proceeded on the new premises the staff geared up for the gigantic task of combining two libraries – books, catalogue cards, and personnel. Freese says they will add to the current PSEAL collection, which he estimates to be approximately 160,000 books, with up to 50,000 books now held in McLennan Library. Although the first days of their January opening were hectic, Freese finds that the library has been running smoothly and students have been quite understanding when minor problems have occurred. "If the xerox machines are working, they're happy," he says with a smile.

Eventually PSEAL-users will be able to browse through the Rutherford Museum, which has been preserved as it was in the old building, and the Mossman Collection of 1,500 books on the History of Science and Ideas that will one day occupy an annex to the PSEAL in the Frank Dawson Adams Building. But the biggest advantage in the new library is space.

Students are pleased with the way the library has been divided into quiet study and discussion areas. And they now have easy access to the entire PSEAL collection – no more long waits for materials stored in the basement. In fact, most students had nothing but praise for the new library. However, one future engineer commented, "It would be nice if there could be more xerox machines." *Alison Nesmith*□

Douglas Watt's easing that queasy feeling

Associate Professor of Physiology Douglas Watt sits in an office on the twelfth floor of McGill's McIntyre Medical Sciences Building. Behind his head, through the window, stairs lead up the precipitous slope of Mount Royal to a look-out. Anyone jumping, leaping, or skydiving off that height would experience – for a brief moment – what Watt studies at great length.

His field is motion sickness in space. Seasickness in the void. It happens when sensory expectations and sensory input don't match: our eyes tell us one thing and our inner ear, a balancing organ that becomes easily confused in situations of high or low gravity, tells us another. On earth we feel it in a rocking boat or a roller coaster. Anyone aboard a space flight experiences this discomfort too. They get sick. Forty per cent of them are affected. Of the last twenty-seven cosmonauts, twelve got sick in orbit and nine when once back on the

ground.

Sickness of this type ranges from a preoccupation with nausea to being knocked absolutely prone. In any space shuttle each minute of orbit costs a fortune: time wasted in sickness is expensive and potentially dangerous. And as more people are leaving the earth's gravity the problem becomes more demanding. Many of the people on the next space lab will not be professional astronauts but "everyday" researchers. They all fall within Watt's concern.

Since 1976 Watt has been part of an unofficial research group that is currently examining this problem for the US National Aeronautics and Space Administration (NASA). His motion sickness research takes him to scattered labs in the Johnson Space Centre, the Massachusetts Institute of Technology, the Space Centre at Houston, Texas, and a NASA "0 Gravity" plane that is a modified 707 that takes stomach-lifting drops over the ocean, pulling out of them fast enough to increase gravitational force two and a half times. Watt allows himself a pleased grin at the feeling 0 gravity creates: "The floor of the shuttle is covered with equipment, for example, but you realize that you don't have to go around it, you can go over it. It's a very nice environment in which to work. You aren't even aware of any pitching or rolling when you're looking at the horizon."

Watt has focussed his inquiry on how the presence or absence of gravity affects the inner ear. Although what happens to the inner ear is invisible, Watt has helped design experiments in which changes in muscle response are measured. While in orbit a "fall" is simulated by using elastic cords to pull the subject to the spacecraft's floor with the same force that the earth would exert. An electromyograph monitors the leg muscle's response to that pull in the first hundred milliseconds of fall. The results are then compared to the subject's reactions on the ground – gravity, of course, providing the pull. So far, Watt has found that muscles respond at only 30 to 40 per cent of their normal amplitude during the first hours in an orbiting spacecraft; but after a day and a half they will behave normally again. Upon reentry another adjustment takes place.

One of Watt's problems is to convince people that space motion sickness really is a problem: "We all experience some kinds of motion sickness, but it hasn't been studied very much except in times of war. There are a few drugs that may help some of the people some of the time, but there's no unifying theory of motion sickness. If we can get a handle on the underlying mechanism then we can get a specific drug to do the job." His research, then, applies to any of us who get queasy on a long bus ride.

The down-to-earth logistics of these studies consume most of Watt's time. Responsible for designing his own hardware, he begins with the paper work and then spends days exploring the possibilities of such mechanisms as seat belts, and training people who will go up. These details take a surprisingly long time to work out as the postponement of Spacelab I suggests: first scheduled for July 15, 1980, its departure date is now set for September 1983.

Douglas Watt himself may not be on that flight, but the people he has trained and the equipment he has helped design will be. *John Geeza*□

Grads meet quarter million dollar challenge

In an article last February on graduate giving to Canadian universities, *The Financial Post* confirmed McGill's position as number one in Canada and went on to say, "For annual fund giving, McGill University graduates were the sentimental softies ..."

"Sentimental softies," maybe. There are limitless expressions to describe McGill graduates, but at the bottom line the appropriate adjective has to be *generous.*

Sincere interest, loyalty, and generosity were never more in evidence than during the past three months when graduates around the world, from the classes of '08 to '81, rallied to help the Alma Mater Fund meet the Quarter Million Dollar Challenge.

Back on March 1, a graduate who prefers to remain anonymous, offered McGill alumni a Challenge Gift of $250,000. The challenger would match dollar for dollar all increases over previous gifts and all second gifts in the 1981-82 fund year. Gifts from graduates who had never given would be matched two for one. The challenge was in effect for three months, until May 31, the fund year-end.

Since a concentrated effort to recruit new members to the Chancellor's Committee and Principal's Associates (McGill's top leadership gift clubs) had been underway since last fall, the challenger agreed to match these increases retroactively.

"I was surprised," said Alma Mater Fund Chairman John Scholes, BEng'52, "and very impressed. We were running nicely ahead of last year when the challenge was received. Many of our graduates had noted our message about the effects of inflation on the university and had really stretched to increase their support. Also, these are not the best of economic times for many of us, and to raise $250,000 of 'new money' in three months looked pretty tough."

How was it done?

When the challenge was offered at the end of February, Chairman Scholes, Vice-Chairman Keith Ham, BA'54, BCL'59, and the Annual Giving staff met to plan a strategy. A three-pronged, direct mail campaign was planned, and the major portion of a 50,000-piece mailing went out the week of March 15.

The challenge was actually announced March 1 at the first Toronto phonathon. Subsequent phonathons pushing the challenge were held in New York, Boston, Washington, Philadelphia, Ottawa, Calgary, Edmonton, Vancouver, Fredericton, and Montreal. Coast-to-coast phonathons were held in Martlet House in late May. And all were the most successful in recent memory.

"Since about 5,000 letters were written on my letterhead, I received a considerable number of letters from graduates," said Scholes. "A graduate of the class of '81 wrote me a short note with a $5 donation referring to her 'humble, first gift' and mentioning that she was still a student. A graduate of the class of '08 who hadn't given for several years wrote from a senior citizens' home sending a large gift specifically asking that it be matched."

The response to the challenge crossed all age, faculty, and economic lines. Small gifts accompanied by sincere notes were received from young graduates still seeking employment. Large gifts came from members of our leadership gift clubs who had already given in the 1981-82 fund year. One Nigerian graduate wrote from Benin City pledging $450 even though he is still awaiting government approval for transferal of his bank draft to Canada. And one graduate, whose increased support from $1,000 to $5,000 came in just before the challenge and was not eligible to be matched sent another $100 with a note saying, "Count me in."

With this type of graduate support, it's no wonder that at year's end, May 31st, cheques were still pouring into Martlet House, which necessitated that books were kept open for a few more days. And the $250,000 Challenge Gift has certainly contributed to the fact that donations to the Alma Mater Fund increased by more than thirty per cent over last year's contributions.

As Ham pointed out to the board of directors of the Graduate Society on May 19, "I am delighted to report that the Alma Mater Fund is headed for an all-time record year....I would estimate that we should end up somewhere between $1.8 million and $1.9 million, and this compares to $1.43 million last year." *Gavin Ross*□

John Kenneth Galbraith: economist of the arms race

When John Kenneth Galbraith stands to talk, his audience looks up to him. For one, because he is a good head taller than almost anyone else in the room. For another, because he possesses impeccable academic and political credentials ranging from his emeritus professorship at Harvard to his



John Geeza

Ex*McGill News* Editor Louise Abbott interviews economist John Kenneth Galbraith before his delivery of the 1982 Osler Lecture.

stint as American ambassador to India.

The Ontario-born Galbraith said he came to deliver McGill's 1982 Osler Lecture on "The Economics of the Arms Race" as an associate of the Physicians for Social Responsibility, as an economist, and as a concerned citizen. Although the annual lectures are sponsored by the Medical Faculty, they deal "with the health and welfare of mankind," and thus their language tends to be accessible and their audiences general. And those who came expecting the exact balance of dollars and missiles may have felt less than sated.

Galbraith set out to disprove the myth that the arms race protects free enterprise and free institutions. In fact, he said, the arms race is motivated by the few companies that manufacture high-technology weaponry. These industries vie with each other, and their Soviet counterparts, to make each others' weapons obsolete. The state of overkill is such that any further development would be ludicrous. Galbraith compared the situation to two little boys in a very small garage with six inches of gasoline on the floor. One boy has six matches, the other seven, and the one who has six thinks he has the disadvantage.

Military expenditure, he continued, is at the cost of economic strength. America's economic power has declined in relation to that of the Germans and Japanese in the last decade. The difference is that the Germans and Japanese have been allocating more and more of their capital for the improvement and expansion of their civilian industrial plants, while the Americans have been using theirs on non-productive, military expenses. The Americans directed from 5 to 8 per cent of their Gross National Product (GNP) toward the military in the seventies; at the same time the Germans spent 3 to 4 per cent, and the Japanese 1 per cent. However, American investment during that decade in non-military, industrial capital only grew from 17 to 19 per cent of GNP while in Germany it increased from 21 to 27 per cent and in Japan from 31 to 37 per cent. At the same time, the Soviet Union's economy, like that of its rival, the United States, has been suffering from the same misplaced priorities.

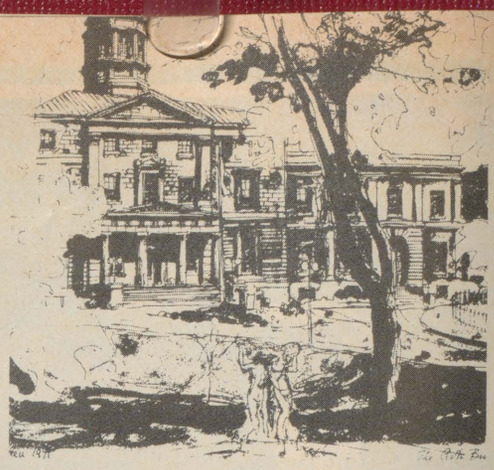
Galbraith's final point was that "free enterprise systems" as well as "communist systems" would not survive any unfriendly nuclear encounters. He spelled out that scenario. Transportation would come to a standstill, food production would be paralysed, and money would become worthless. He quoted a Pentagon study to the effect that the United States in the aftermath of a nuclear exchange would only be capable of sustaining a medieval standard of living.

Galbraith said the practical solution would be to unite factions to stop the production of nuclear weapons and to negotiate to reduce the existing munitions stockpiles. And, he said, it was the responsibility of each and every individual in the audience to strive for these goals. *John Geeza*□

COME BACK TO REMEMBER
THESE DAYS
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REUNION '82

All welcome, especially graduates of years ending in 2 or 7. Macdonald Reunion will be held October 2.



KEEP THESE DATES OPEN! 23 24 25 26

CLASS PARTIES SCHEDULED TO DATE: REUNION YEAR (YEARS ENDING IN 2's and 7's)

FACULTY and YEAR	CHAIRMAN
Agriculture '22	James Winter
Arts & Science '22	Kiel Oxley
Arts & Science '27	Kiel Oxley
Commerce '27	John Wynn
Dentistry '27	J. Rae Carson & Lawrence Burton
Engineering '27	Ross Keene
M.S.P.E. '27	Helen Henderson
Medicine '27	Alan Ross
Arts & Science '32	Lorne Gales
Commerce '32	Harold Goodman
Dentistry '32	C. Vosberg
Engineering '32	Frank Denis
Law '32	John Marler & R. DeWolfe MacKay
Medicine '32	Joachim Brabander
R.V.C. '32	Merle Peden
Agr. & Home Economics '37	Scott Kneeland
Engineering '37	William Horwood
Law '37	George Hall
Medicine '37	F.M. Bourne
Agr. & Home Economics '42	Douglas Henderson
Engineering '42	Doug Shaw
Law '42	Lawrence McDougall
Medicine '42	Rita Shane
Social Work '42	Ruth Tannenbaum
Agr. & Home Economics '47	Helen Goldhamer
Arts & Science '47	Doris Layton
Engineering '47	Robert Layton
Law '47	Daniel Doheny
Medicine '47	Eleanor McGarry
Architecture '52	Jim Girvan
Dentistry '52	Rod Lefebvre
Medicine '52	Mimi Belmonte
Physical Education '52	Mrs. K.G. Campbell

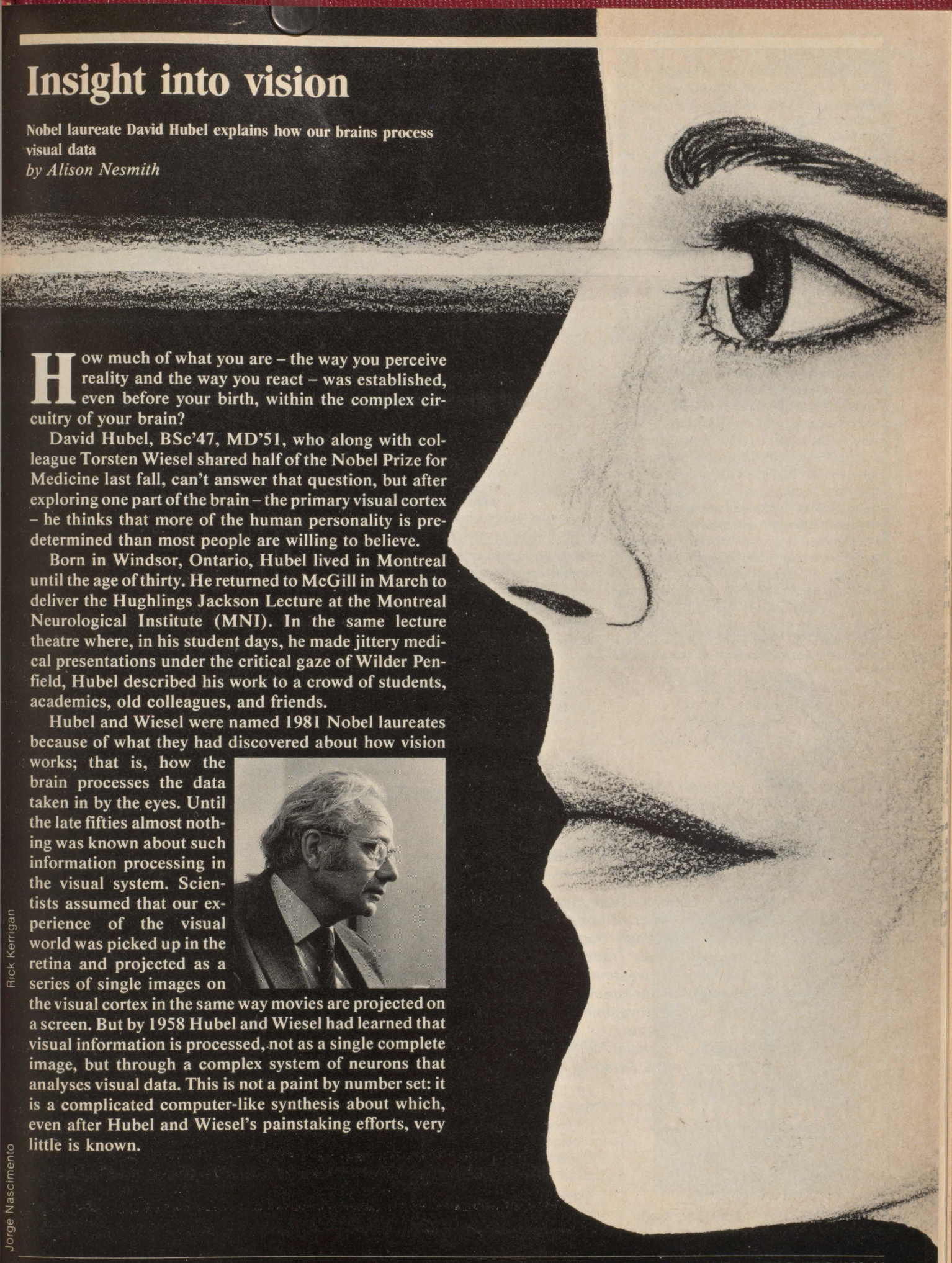
FACULTY and YEAR	CHAIRMAN
Architecture '57	Eugene Steciuk
Arts & Science '57	Edwin Winston
Commerce '57	Peter Reid
Dentistry '57	Wilfred Robinson
Engineering '57	Kelvin Hughes
Chemical Engineering '57	Robert Calder
Mining Engineering '57	Terence Gaffney
Law '57	Trevor Bishop
Medicine '57	N.M. Sheiner
Physical Education '57	Geraldine Dubrule
Phys. & Occ. Therapy '57	Nellie Wright
Agr. & Home Economics '62	Lyall MacLachlan
Architecture '62	Michael Werleman
Arts & Science '62	Herbert Inhaber
Dentistry '62	Angelo Androutsos
Engineering '62	Peter Sinclair
Football Team '62	Willie Lambert
Arts & Science '67	Beverly Spanier
Engineering '67	John Umiastowski
Law '67	Michael Worsoff
M.B.A. '67	Jim Leslie
Agr. & Food Science '72	Bill Suddard
Commerce '72	Tim Carter & Paul Marchand
Chemical Engineering '72	Bob Gillespie
Mech. Engineering '72	D. Van Dassen
Met. Engineering '72	Hani Henein
Nursing (BN) '72	Sophia O'Neill
Physical Education '72	Rick Morgan
Social Work '72	Carol Demberg
Diploma Agriculture '77	Kevin Boushel
Agr. & Food Science '77	Louise MacDonald-Pilon
Architecture '77	Alan Orton
Dentistry '77	Peter Woolhouse
Chemical Engineering '77	Mark Frohlich
Management '77	David Engel
Medicine '77	Pat Howson
Nursing (BScN) '77	Jane Thomas Yager
Physical Therapy '77	Roberta Nowlan-Smith

If this is a reunion year for your class, but your class is not listed above, why not contact Susan Reid-Boyle (514-392-4815) at 3605 Mountain St., Montreal H3G 2M1, and talk over plans for your year

Insight into vision

Nobel laureate David Hubel explains how our brains process visual data

by Alison Nesmith



How much of what you are – the way you perceive reality and the way you react – was established, even before your birth, within the complex circuitry of your brain?

David Hubel, BSc'47, MD'51, who along with colleague Torsten Wiesel shared half of the Nobel Prize for Medicine last fall, can't answer that question, but after exploring one part of the brain – the primary visual cortex – he thinks that more of the human personality is predetermined than most people are willing to believe.

Born in Windsor, Ontario, Hubel lived in Montreal until the age of thirty. He returned to McGill in March to deliver the Hughlings Jackson Lecture at the Montreal Neurological Institute (MNI). In the same lecture theatre where, in his student days, he made jittery medical presentations under the critical gaze of Wilder Penfield, Hubel described his work to a crowd of students, academics, old colleagues, and friends.

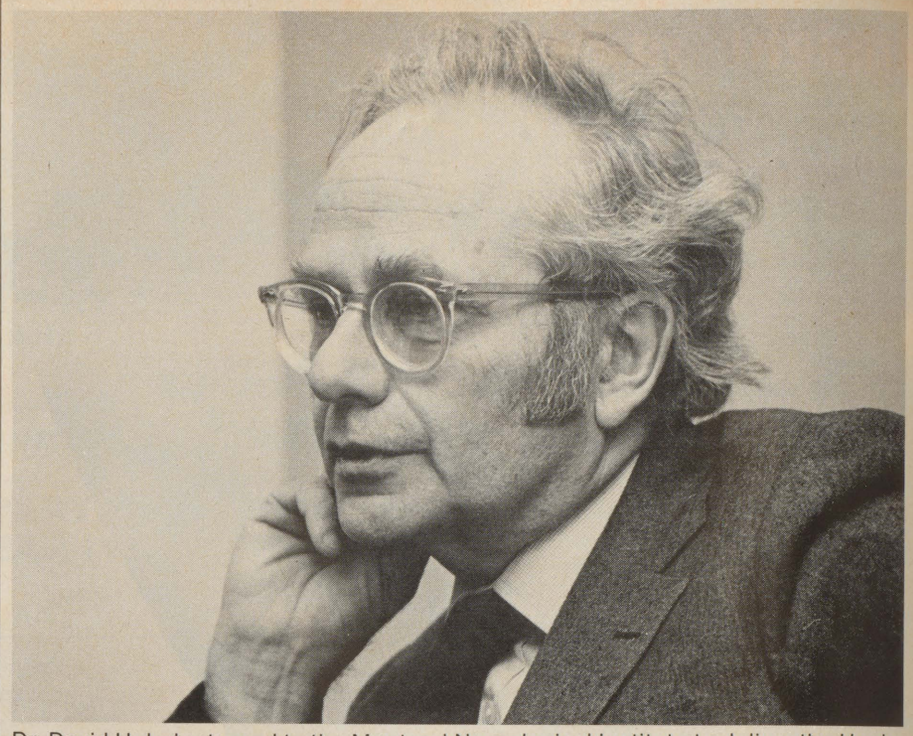
Hubel and Wiesel were named 1981 Nobel laureates because of what they had discovered about how vision works; that is, how the brain processes the data taken in by the eyes. Until the late fifties almost nothing was known about such information processing in the visual system. Scientists assumed that our experience of the visual world was picked up in the retina and projected as a series of single images on the visual cortex in the same way movies are projected on a screen. But by 1958 Hubel and Wiesel had learned that visual information is processed, not as a single complete image, but through a complex system of neurons that analyses visual data. This is not a paint by number set: it is a complicated computer-like synthesis about which, even after Hubel and Wiesel's painstaking efforts, very little is known.

Rick Kerrigan

Jorge Nascimento

The Harvard team has, however, established that individual neurons are stimulated by different details of a scene – contour, movement, depth or colour, for example. They have also described the architecture of the primary visual cortex, which is organized in columns of neurons arranged in a zebra-like pattern where each stripe is oriented towards one or the other eye. Most of what they have found out about how brain cells analyse visual information is related to how the brain "sees" line.

During a press conference before his lecture at the MNI Hubel explained, in language free from difficult scientific terms, how he and Wiesel attached electrodes to monkeys' brain cells to measure the electrical impulses that each of these neurons emitted. From this data, they were able to better their understanding of how the brain sees minute visual detail. Some neurons responded to horizontal lines, others to vertical lines, and still others to various oblique angles. Just as an art student suggests the form of an object by drawing its contours, which could include not only the outline but the borders between the different shades and colours, the neurons may be giving form to a visual image by reacting to its many differently angled lines. "This is only an early stage in constructing the scene," Hubel says. "We still don't know how you see or how you remember faces and things like that. But at least we know what happens at an early stage, and it's far more complicated than anyone would have thought."



Rick Kerrigan

Dr. David Hubel returned to the Montreal Neurological Institute to deliver the Hughlings Jackson Lecture.

Although their findings are complex, Hubel and Wiesel's work has had some clinical applications. Gathering evidence from experiments with newborn monkeys, they have proved that infants born with cataracts or squint (wall-eyedness or cross-eyedness) should be operated on as soon as possible. In the lab they stitched together one eye of a baby monkey and monitored its

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brain cells. In a matter of days the brain had changed in such a way that it no longer responded to the closed eye. If the eye was left sutured for many weeks, the brain never recovered. Although these results were published in 1965, Hubel said that ophthalmologists were slow to alter their practices. Infants with cataracts had always been treated immediately but, in cases of squint, doctors preferred to postpone surgery since it was technically very difficult and often had to be repeated. Moreover, the condition frequently disappeared as the child got older. But as Hubel and Wiesel have proved, the brain damage was already done. To illustrate this phenomenon, Hubel said he recently received a letter from a woman who had discovered she had no stereoscopic depth perception – a condition that Hubel compared to having one eye closed. Old photographs showed she had been cross-eyed at birth. Although her parents' pediatrician was correct in saying that the squint would disappear, the lack of normal visual stimulation had affected her brain.

Hubel believes his research may one day have an impact on psychiatry and education: "Parts of the brain that have to do with emotions or learning language, for example, are undoubtedly more plastic at an early age. If you take this machine that's so beautifully wired up at birth and don't use it properly in the early years, then it deteriorates or doesn't go on to develop in a normal way." Hubel's work will also intrigue epistemologists, whose branch of philosophy deals with the origins and nature of knowledge.

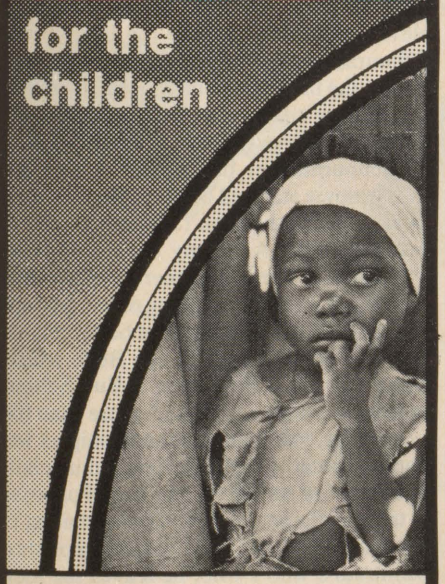
Scientists once assumed that our visual experience was projected as a series of single images on the visual cortex. But by 1958 Hubel and Wiesel had learned that visual information is processed through a complex system of neurons that analyses visual data.

The man who made these breakthroughs in brain research once took youthful delight in firing a cannon fuelled with an explosive mixture of sugar and potassium chlorate over the quiet neighbourhood of Outremont. Today, his hair grey-streaked and thinning, Hubel says, "I still much prefer to do science than read about it." Throughout his career, that began in medicine at the Montreal General Hospital, then switched to research at Johns Hopkins Hospital, the Walter Reed Army Institute of Research, and Harvard Medical School, his most rewarding moments have been in the lab rather than in administrative posts. (He lasted only nine months as head of Harvard's physiology department.) A research lab, he says, is not a cold and impersonal place, but warmly human: "Here you have very strong relationships with the people you work with, your students, and your predecessors. Those relationships are often immensely rewarding."

Hubel was afraid that winning the Nobel Prize would interfere with his future research, which is aimed at mapping different parts of the visual cortex and exploring the brain's reaction to colour. To ensure that he doesn't lose touch with this work he has had to refuse many invitations from around the world.

But, perhaps out of politeness, Hubel seemed pleased to be back in Montreal, recalling the days he spent in McGill's Faculty of Medicine. It was, after all, his contact with Wilder Penfield and Herbert Jasper, MD'43, DSc'71, that sparked his curiosity about the brain. When someone expressed surprise that this Nobel scientist had been a Montrealer, Hubel, for once, couldn't help bragging, "I can still recite all the cross streets of Ste. Catherine from Park Avenue to Guy." He then proceeded to do so.□

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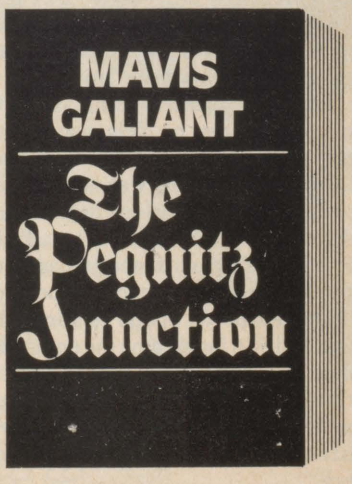
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MACMILLAN OF CANADA
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Thomas Schnurmacher: 'the dean of Canadian gossip'

by Alison Nesmith

McGill in the late sixties was no place for a stargazer hooked on Hollywood; nor would it have suited a gentleman intellectual with a taste for tweeds and English drama. "I was annoyed," says leading Montreal gossip columnist Thomas Schnurmacher, BA'72, reflecting on his university years. "I was expecting to come to an Ivy League university, and I came to a mini-Woodstock!"

It does strain the imagination somewhat to picture Schnurmacher, whose daily newspaper columns and radio spots feature tidbits about John McEnroe's apartment and Jack Lemmon's appetite, holding his own against the activists who dominated campus life in the late sixties. But when the *McGill Daily* rejected Schnurmacher's wish to report on events other than Maoist meetings, (In those days the *Daily* was "blood red," he says. "If you didn't think Mickey Mouse was a capitalist oppressor, they weren't interested.") he wrote for the less serious *Plumber's Pot* and satisfied his theatrical bent by founding the McGill Humour Club. Among other antics, the Humour Club sold blocks of ice door to door and distributed "business cards" torn from the Yellow Pages. Their capers won front page coverage in the *Daily,* a memory Schnurmacher savours. He loves centre stage.

In a steady stream of words that challenges any suggestion that his is not a serious profession, Schnurmacher explains how he came to be Montreal's most prominent gossip. A Hungarian immigrant who arrived in Canada with his parents at the age of six, Schnurmacher learned English from movie magazines. He also developed a passion for the glamour surrounding the stars of the silver screen. His first ambition was to set up a child psychiatry practice in Beverly Hills, California, but his aspirations changed when he wrote a theatre review for his school newspaper. The pleasure he had in writing the article and the recognition he received convinced him to go into journalism. A gossip columnist was born.

After completing his English drama degree at McGill he attended Carleton University's journalism department intent on acquiring further writing skills. Carleton's programme, he feels, was geared too much towards Canadian political reporting and his gossip writing was not encouraged. So with another bachelor's degree under his belt he returned to Montreal to talk his way into a job. His persistence gained him freelance assignments and a position in Mirabel Airport's public relations department. In 1976 he became the entertainment editor at a local radio station and started writing a column once every two weeks for the *Montreal Star.* Then the *Montreal Gazette* offered him a column five days a week.

Last year when the *Toronto Star* called him the "dean of Canadian gossip," Schnurmacher found it strange that their metaphor linked gossip with academe, but was pleased nonetheless. He believes he has earned this peculiar appellation because he is one of very few regularly employed gossip columnists in this country. Also he has worked very hard to procure his deanship, spending sometimes up to eighteen hours a day gathering information for his columns and radio presentations – including a three-hour Sunday evening programme. And the phone in his apartment never stops ringing.

"When I'm at the Academy Awards," says Schnurmacher, "and there are two hundred other journalists taking notes, trying to one up each other in terms of being cynical, I'm thrilled to pieces to see Bette Midler come out of a limousine."

Schnurmacher has built his reputation on a kind of journalism scoffed at by many people. What's more, having fashioned a public personality that often seems egotistical, he is only too willing to point out that "modesty is highly overrated." Considering all this, what makes Schnurmacher so popular?

Hollywood reached its zenith in the 1930s when people wanted an escape from the grim realities of the Depression. Perhaps today's uncertain economic climate has created the need for a similar kind of distraction. Last year Joe Saltzman, of the University of Southern California's School of Journalism, wrote about gossip: "Americans thrive on it ... We live in an age more interested in personalities than issues." The amazing success of *People Magazine* is in itself an indication that Saltzman was correct. Schnurmacher has also noticed a trend; he can recite a list of major newspapers that now devote space to small talk about celebrities. If the public's appetite for trivia cannot be linked to the recession, it can still be safely said that people are curious. Schnurmacher guesses that even in the *McGill News* grads will turn first to the "Where They Are ..." section to check up on their classmates. (And you know he's right.)

As the gossip industry flourishes, so does Schnurmacher. Besides his daily newspaper and radio obligations, he is working on two books – one a novel he hopes will be as lucrative as those by Harold Robbins and the other a humorous handbook entitled *101 Ways to Marry Rich: The Gold Diggers Guide.* He attributes his success to the fact that he's absolutely passionate about his work and will admit to having no outside interests. "My whole self-concept is the role I have as a showbiz columnist," he says. "It's much more than a job, it's my private life as well."

And certainly his apartment overlooking the fashionable spots he writes about is a study in chic, with its white walls, bare floors, and colourful prints. Standing between two mauve chairs a stuffed, pink flamingo is eyed by Madame Zubie, his fluffy multicoloured cat whose sometimes clever comments provide the last word in Schnurmacher's weekend column. Oblivious to the fashionableness of her surroundings, Zubie enjoys clawing tables and tumbling across newly waxed floors.

Schnurmacher brags that he has seen every movie star and believes that it's to his advantage that he hasn't become jaded over events like the Academy Awards: "When I'm at the Awards and there are two hundred other journalists taking notes, trying to one up each other in terms of being cynical, I'm thrilled to pieces to see Bette Midler come out of a limousine." But Schnurmacher's column deals with more than film celebrities, informing its readership as well about notable politicians, musicians, athletes, and socialites. His brand of gossip is tame and considerate. Concentrating on the everyday details and simple accounts of Montreal's who's who, he leaves the more personal (and libelous) reporting to the scandal sheets.

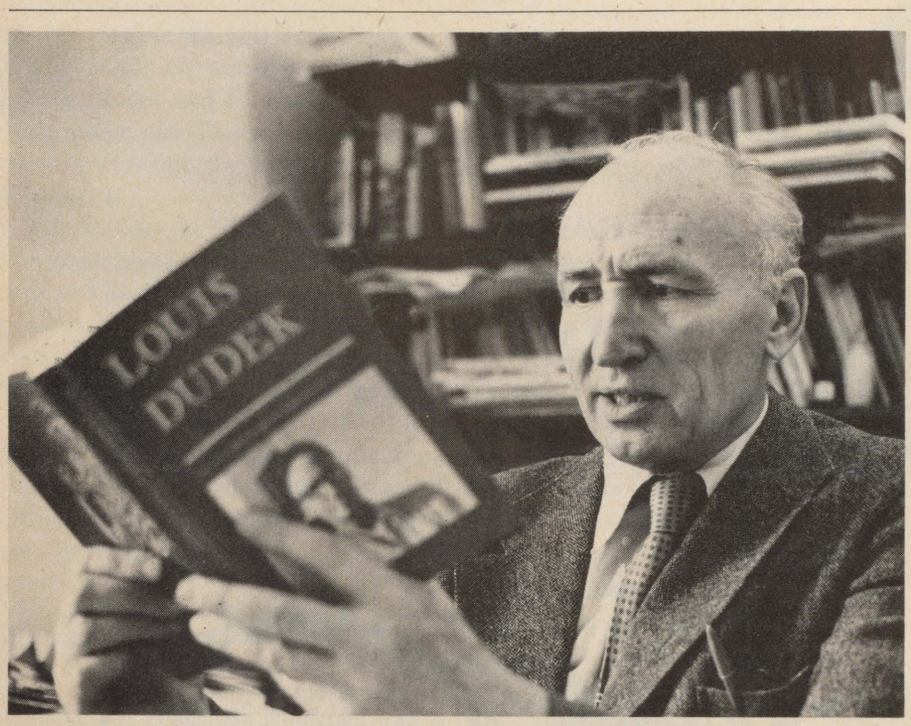
Often, Schnurmacher's material merely tells people what's happening in Montreal. As he says about his Sunday evening radio programme, "People don't go away from it greatly enlightened about mankind, but they might know what they're doing on Tuesday night." And as Madame Zubie might say, "What's wrong with that?" □



Jorge Nascimento

Poet Louis Dudek: 'Put me alone on a desert island and...'

by Charlotte Hussey



John Geeza

McGill professor of English Louis Dudek, BA'39, is the kind of poet who encourages his students to write about what they love and what they hate. This is because poetry for him has never been a lukewarm affair. Even as early as 1936 while still a McGill student, he was writing and publishing social protest verse in the *Daily*. He explains: "It's the nature of poetry to be critical and to desire to see things change and even to become something utopian."

Speculating as to why he has always been a social critic, Dudek continues: "I'm from a Polish Catholic community in the east end of Montreal, and it was just by a hair that I managed to enter McGill because of the cost of it to my family. So I suppose my social view comes from seeing things as a person from the have-not position. Then after graduating from McGill in 1940, I was unemployed for a year – a situation that also intensified my social criticism."

One of Dudek's primary complaints at that time, shared as well by fellow poet and McGill graduate Irving Layton, BSc'39, MA'46, was that most Canadian magazines, whether they had literary pretensions or not, were hopelessly commercial. So the two young writers joined with editor John Sutherland to produce *First Statement,* an alternate literary magazine. Inspired by their heroes who ranged from Bernard Shaw, Friedrich Nietzsche, and Carl Sandburg to the Imagist poets, their editorial commitment was both to aesthetic excellence and social realism. "*First Statement* was a rough, tough Canadian-type of new magazine," says Dudek, "and from it developed Al Purdy, Alden Nowlan, and the modern Canadian tradition, not because we started it, but because Canada could not do otherwise. It had to start like Australia to produce some of its own kind of hard hitting, realistic literature, native to this country."

In 1942, Dudek moved to New York City although continuing to contribute to *First Statement* and its successor, *Northern Review,* during his eight-year absence. At first as a bohemian writer, he scrounged for a living wrapping parcels for the Geographical Society of America and canvassed door-to-door for the *New York Times,* then with the encouragement of Canadian scholar J.B. Brebner, he did a PhD in English and comparative literature at Columbia University. During this period he also met the senior statesman of American Imagism Ezra Pound with whom he felt a close rapport. "Pound like myself saw poetry as having a mission, as being a relevant kind of communication about the great questions," says Dudek. And although he visited Pound who was institutionalized in St. Elizabeth's Hospital in Washington, D.C., Dudek preferred that their relationship, which has been documented in *Some Letters to Ezra Pound,* was primarily a correspondence. Nevertheless Pound abetted the young Canadian writer's debut into a modernist vanguard comprised of such poets as Marianne Moore, Paul Blackburn, Cid

Kingston Conference

How green and cosy
    the campus looks,
    where the learned societies
meet, while atomic refuse is dumped into the seas
(already killed several species)

And life goes on so stupidly
    outside - commonplace, uneducated, real
menaced by great know-how, or ignored
    by scholars,
while the beautiful trees, placid and uninformed,
look on.

These Young

Schoolgirls carry their baby books
and boys like briefcases their morning satchels:
soon their world will be clear of obstruction,
    symbols become solid things.

How far from earth was the first desire!
Yet all desire returns to earth,
    even a sentimental dream
wraps a blue dress around ox-like haunches.
    And these young
live by what they long for,
    carry the earth on loose, light limbs.

Corman, and Herbert Gold.

In 1951 then-chairman of McGill's English department Dr. Harold Files invited Dudek to return to his alma mater to teach courses in composition and modern poetry. At first Montreal looked "small and piddling. And I wrote a poem where the Sun Life Building was a jack-in-the-box and Dominion Square was a sand box for kids," Dudek says. "But I knew this was my city, and I knew intuitively that McGill was a place where I could devote my complete energies to education, poetry, and a literary and cultural life.

"And so I came back," says Dudek, "and joined with the old friends and said, 'Let's start something important.'" Together with Layton and Raymond Souster, he published a joint collection of their work entitled *Cerberus* (named after the three-headed dog guarding the gates to hell), as well as founding Contact Press, which was to become the birthplace of a new Canadian poetry. And it was on a small printing press installed in Dudek's cellar that the who's who of contemporary Canadian verse – Dudek, Souster, Layton, Phyllis Webb, Eli Mandel, D.G. Jones, BA'52, W.W.E. Ross, Alden Nowlan, Al Purdy, Milton Acorn, Gwendolyn MacEwen, George Bowering, Frank Davey, John Newlove, and Margaret Atwood – got their start.

Although Souster, the chief editor of Contact Press, lived in Toronto, the three self-appointed watchdogs of Canadian poetry kept up a lively correspondence and voted jointly on who they would publish. "We had a really good eye and could recognize anything that was good," says Dudek. "We were absolutely certain about our judgment. In those days against the background of the old-fashioned metrical, rhymed nature poetry, the poets who had something to say and said it in an original way were easy to see. Today it's so much harder; there's nothing to rebel against."

Dudek also operated and financed by himself the McGill Poetry Series where Daryl Hine and Leonard Cohen made their Canadian debut. He then launched the literary magazine *Delta,* which he transformed into another small press, Delta Canada in 1967 with the demise of Contact Press. And in 1971 Delta Canada published Dudek's *Collected Poetry* along with books by Ron Everson, Glen Siebrasse, and John Robert Colombo.

As well as being an innovative publisher and critic, Dudek has been one of Canada's most influential contemporary poets with some twenty-one volumes of published verse to date. His early poems, which became the model followed by many of today's younger poets, were primarily short, highly concentrated imagistic lyrics that sought to derive psychological or philosophic insight from the concrete description of a particular scene or event. In an early poem, *Night Scene,* for example, the poet experiences a solitary state of mind described through his impressions of a city street:

A Note for Leonard Cohen

To borrow vine leaves,
pay for books...
(awaken, world of memory)
By a field of timothy,
a stream for perch fishing,
with overhanging boughs...
There we sat, the cyclists of those days:
And now you smile, all literature,
our *yong Squyer,*
whose poems are as good as ours
ever were!
Are we to rejoice, in you,
warming our cooled marrow juices
by what you say?
Or, as you imagine, be young with you?
Or call age, a new
kind of power -
an authority over joy?
Nuts, to all that!
You may be free, of us, be perfect
pitiful, without a thought, as we
will look here and there
for such crumbs as still
half satisfy: but you are
ourselves, and suffer the same brief
no, no more – the whole story
takes in the lot of us.

Freedom

My two dogs
tied to a tree
by a ten-foot leash
kept howling and whining for an hour
till I let them off.

Now they are lying quietly on the grass
a few feet further from the tree
and they haven't moved at all since I let them go.

Freedom may be
only an idea
but it's a matter of principle
even to a dog.

I meant to be walking in the night-time,
But I lean here, for the street is quiet.
It is very still between the buildings.
No one passes.
Somewhere I hear the notes of a piano,
And into my head drift the words of a poem
Which a while ago I was reading.
I notice how the light from a window
Falls upon the snow in the alley;
The street is quite deserted.
Now a man passes,
Making no more sound than a shadow.
Above me a few stars quietly
Stay between the dark houses.

Here Dudek succeeds in creating a mysterious, nocturnal mood from the quotidian facts of his existence. This is in keeping with his belief that although poetry should be engaged with the actual conditions of daily life, it should nevertheless transcend mundane experience to point man beyond to that albeit fleeting epiphany of a mysterious street lit by those "few stars." "If poetry simply describes what's on the menu in the cafeteria and what's our problem, then this is small poetry. Because there is something more, that unknown other dimension. Man is a product of something, some mysterious, incredible process, which makes him and of which he is a part."

Preferring common speech patterns to formal diction, Dudek purposefully avoids the use of metaphors and literary images in his lyrics. He also has taken a stance against what he calls a mythic, academic poetry influenced by the mythopoeic critic Northrop Frye, as well as against another predominant twentieth century trend – the return to a primitive emotionalism as seen in the writings of D.H. Lawrence or Alan Ginsberg. Seeking, in what he calls a "poetry of reason," to balance intellect with emotion, ideas with images, and abstractions with particulars, Dudek explains: "Because of the difficulty of the problems facing us today, people just cop-out, abandon reason and go into some kind of primitive emotionalism, seeking unconscious processes and with drugs try to get mystical experiences. I'm totally opposed to all of that because I think that poetry is the product of the finest intelligence that man is capable of whether it's in Dante Alighieri or in William Shakespeare."

When in 1955 Dudek grouped a series of short lyrics together to form his book-length meditative poem *Europe,* he initiated a period of widespread experimentation with this form in Canada, where previous to this there had been either collections of random lyrics or long narrative poems. He explains how *Europe* naturally evolved into one long lyric meditation: "If you've been thinking and it has become a coherent body of thought, then you'd like to say something more. You could write a philosophic or narrative poem, but if you've got this training in lyricism, you connect lyrics."

Morning Hour

Fried eggs & toast & coffee
at the Snack Bar
  an old poem to read,
  an essay
New Greek gurgles around
('George' is frying another order,
  the girl borrows his phone)
The essay rambles on...

I order more coffee, bite an oatmeal cookie
between bits of prose
  The poem is sweet and sad
  (Saint Guthlac happily dying)
And we are happily living
  today, O lovely today!
May it go on and on...

I put on my mitts and bever
  and walk out-of-doors

The vapour I breathe out is poetry,
  the air I breathe in is prose.

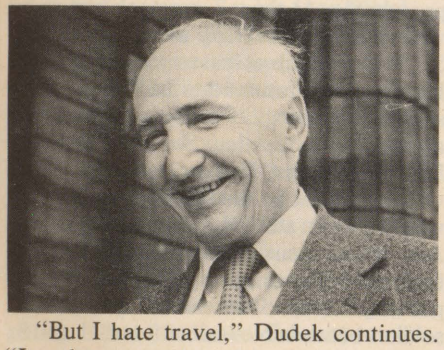
Under a Schoolroom Window

Hark! the herald angels sing...
A silence
and then a hum, rumbling on
the arithmetic of recitation;
then silence,
when the teacher speaks there is a silence.
A voice from above. Teacher. She.
Teaches. To teach.
'I loved my teachers.'

Listen. Listen, the silence.
On the black board of night
she writes, with chalk light,
quick plusses and exes of delight.

And now they hum, to a rumbling sum.
And now they sing.

Connecting short lyrics together can often create more the sense of a poetic mosaic than a unified poem, but Dudek explains how with this form the artist is mirroring the fragmentariness of modern life: "Ours is a society of fragmentation, of disorder of every kind. Therefore the more you try to act as a mimesis or an actuality, the more your poetry is going to be disordered." Nevertheless in *Europe* and in the long meditative books that followed – *En Mexico* in 1958 and *Atlantis* in 1967 – a spontaneous order emerges through the thematic interplay of dichotomies such as the masculine and the feminine, stagnation and fertility, and between human culture and nature. These works are also shaped by the structure of actual trips taken by their author. "I wanted poems that were relaxed and spontaneous," says Dudek, "and without an imposed structure. And travel provided such a structure, because it itself is structuring."



"But I hate travel," Dudek continues. "It makes me anxious; it makes me unhappy, and yet I write poetry from it. Maybe anxiety and isolation from the places that are reassuring make me write."

Restlessness and anxiety also provided the creative impetus for Dudek's most recently published, long poem *Continuation I,* a piece structured not by a trip taken to a foreign country, but by the implicit order of the poet's own mind as observed over a ten-year period. Dudek says, "It's not quite that you're suddenly inspired and the poem comes boom-boom. There's some kind of strange unrest in the mind that begins it and it writes itself partly and partly with your help." This raw material is described by the poet as "strips of stuff that you want to say and you don't know quite why. Then comes the rewriting of the poem which is very delightful. It's not heavy work. The really painful work is the first part, because you're anxious as to whether you are in a state of grace."

When asked what conditions are the most conducive to writing, Dudek answers: "Solitude. Anything like constantly talking to people interferes with it, because it's very internal and it wants solitude and quietness. When I have those conditions I will write poetry. Put me alone on a desert island and I will write you another long poem like *Atlantis.* And yet there's the aspect of it that it wants to talk to mankind out of that solitude, like backstairs art, 'What I should have said, what I should have said.' "□

Poetry Reading

I like to be at a meeting of poets
    where they read
Each proud of his art, stands up
and works his high effect

different from any other
    strange, separate
as the grasses, or the species

Some declaim, others jest
some seem to suffer – for the sake of the game
    (as all do in fact)
some in the very clouds, some in dirt
but all devotional in their secular praise

of the actual and the endless ways
their syllables turn and return to contain themselves.

Ah, how we try to please you
    and how little we succeed!

The dazzling daylight the girls' flimsy dresses -
    delightful green things

How it all shines, shimmers, and coheres
A kaleidoscope (Stevie boy,
    you would have loved it)
And say that it is good

A bird's eye-view
It shoots down Atwater like a salmon
to its river and its lake-like curves
    turning to spume at Ville LaSalle
Around it meanders from the city's long shoulders
    Baie d'Urfé & Ile Bizard
the Lakeshore shallows sleeping around Ste Anne

Then descends, a shot-silk around the body
    of the beautiful island, thickening at the thighs
Back River, Ile aux Coudres, Ile Jésus,
    Pointe aux Trembles, Bout de l'Ile

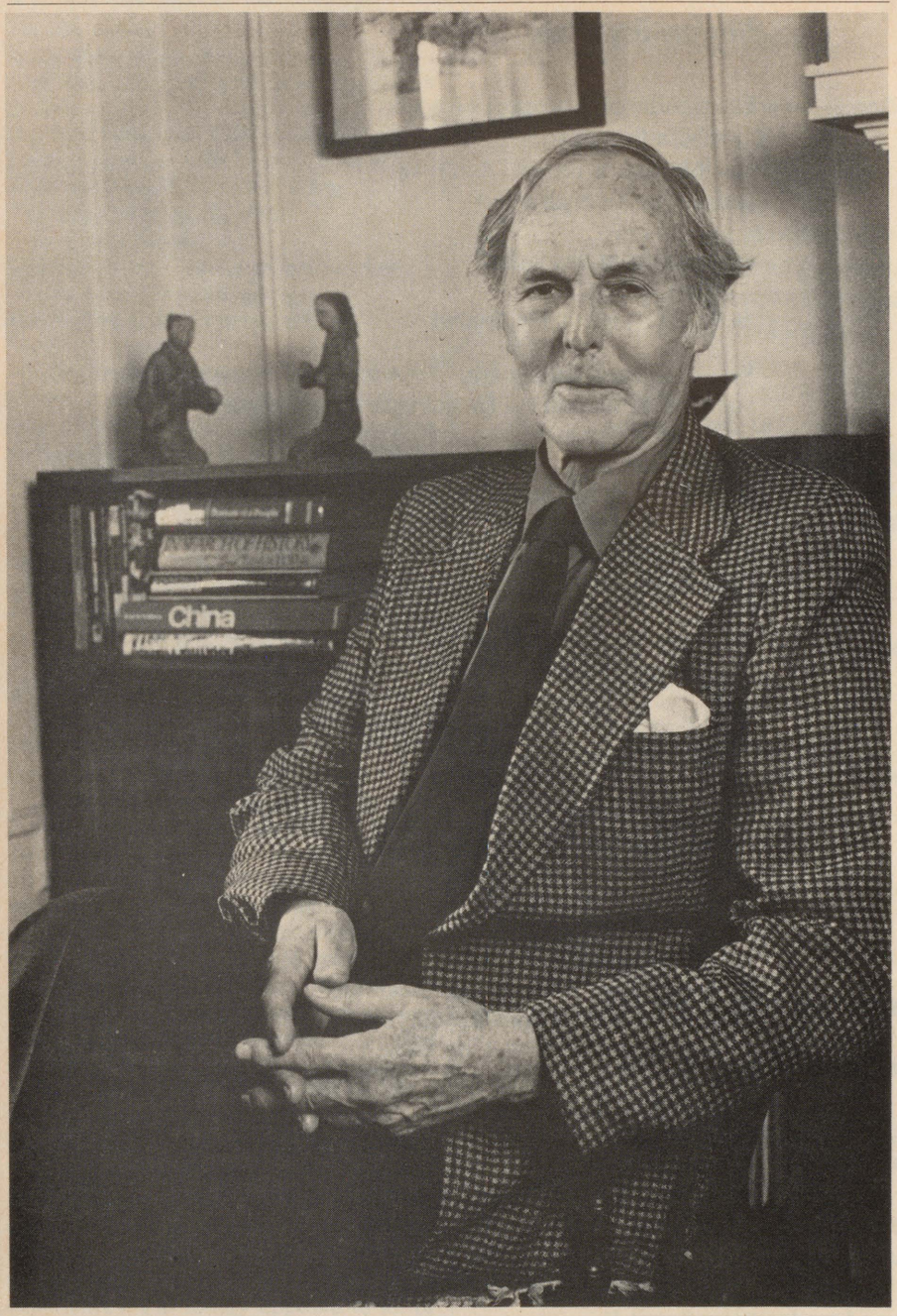
Here in front of us below the rapids
    Au Pied du Courant -
opening the port to all the seas,
lovely and lyrical, like a long-legged Lilith
she raises her breasts and lifts you to love

The lonely mouse is talking to God,
    he says um-um

God likes what the mouse says
God shows him another piece of the world

The poems by Louis Dudek accompanying this article are from Continuation I *(Montreal: Vehicule Press, 1981) and from* Cross-Section: Poems 1940-1980 *(Toronto: Coach House Press, 1980). Their common theme is education.*

PERSPECTIVE



Rick Kerrigan

Rev. E. Bruce Copland, BA'22, MA'32, retired in 1971 from a church career that took him around the world, from a mission hospital in China's Hunan Province to the National Council of Churches in New York. Today dividing his time between Montreal and the Laurentians, he has begun to write some recollections of his early years, including his days at McGill.

In the autumn of 1918 I started at McGill in the class of Arts'22. In those days lectures began about October 1 and exams were over by May 1. I believe that in earlier times the college year was six months. This was done to allow boys from the farms to work from seed-time till harvest. Doubtless other students got summer jobs of various kinds.

I no sooner began to study when the terrible flu epidemic of 1918 hit Montreal. College was closed for about six weeks. I got a temporary job in the office of the old Shawinigan Power Company. On November 8 there was a false report that the war was over, and sirens went blaring all over town, and all offices were closed. The real thing of course was on November 11.

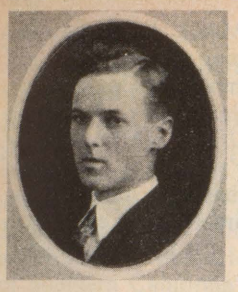
A great privilege of being at college at that time was the presence, after 1919, of many older students who had survived the war. Among these who became valued friends were Brooke Claxton, BCL'21, Arnold Heeney, BCL'29, LLD'61, and Terry McDermott. All these later rendered distinguished service to their country in the federal government.

In my third year in college I began taking honours economics. The head of the department then and for many years after was Stephen Leacock. He was a great teacher. One day he told us to try to have paper and pencil beside one's bed in case one had bright ideas. I have never forgotten that, and on many occasions have taken Stevie's advice – for example in making notes for what I am writing now. Stevie was also a very astute judge of ability. Two of his students whom he recommended for important service in the federal government were Graham Towers, BA'22, LLD'44, the first Governor of the Bank of Canada, and Sydney Pierce, BA'22, BCL'25, LLD'56, who held many important posts in the Ministry of Trade and Commerce and also in External Affairs, serving as ambassador in Belgium, Mexico, and at the High Commission in London.

In 1921 Sir Arthur Currie became Principal of McGill. He was always very approachable. At times I overtook him as he walked to the university along Sherbrooke Street. I saw him at least once in his office. Later, when I returned to McGill to begin studies in theology, I invited him to dinner at the Delta Upsilon fraternity then on McTavish Street. He came and had dinner with us and sat by the fire for a while afterwards. Soon after, I think in 1927, Sir Arthur was accused by a man named Preston, editor of an Ontario paper, of being responsible for the deaths of many Canadian soldiers between November 8 and 11, 1918. Sir Arthur knew this was untrue. He sued Preston for libel, and won his case, but it left him sad and weakened. I do not think he ever really recovered, and he died in 1933.

Part of the economics of a college career depended on getting a summer job and saving some money. During the later years of World War I, in 1917 and 1918, I worked on farms in the summers. The government had organized a scheme called "Soldiers of the Soil," and we were all given a metal badge, which I kept for many years. The boys were needed to take the places of thousands of young farmers who were in the army. In 1917 I was on a farm just over the Ontario border, near Lancaster. I remember being called to get up before four the first morning. I worked during all the daylight hours and was paid about $15 a month, plus my board.

The next year I was lucky enough to be assigned to the Ness farms at Howick, Quebec. This was one of the best farms in Canada. Grandfather Ness came to Canada from Scotland and introduced pure-bred Clydesdale horses and Ayrshire cattle. In my time, the farms of two sons of the old gentleman – who had retired to live in the village – were worked jointly. I was on the Albert Ness farm. He had the horses and his brother, R.R. Ness, had the cows. All the farm work was done by horse-power then. I began about May 1, driving a team pulling a chain harrow – the last stage of



breaking the land for seeding. There was a four-year rotation of crops – first clover, then oats, then corn. The fourth year the land was fallow.

Bruce Ness, one of the third generation, was my age. In hay time, we worked in the hay mow, spreading the hay as it was drawn up on a huge fork. We barely had time to be ready for the next load. One very hot day, we each drank a gallon of wonderful milk to replace what had come out in honest sweat. Bruce Ness remained a life-long friend.

From 1919 to 1921 I had more financially productive summer work, enabling me to pay my fees and have enough left over for pocket money until Christmas time. Of course I was living at home. The most interesting and what might be called a "fun" job was in the summer of 1921 when a friend of mine and I were fire rangers in the Laurentide Provincial Park, a large wooded area about halfway between Quebec and Lac St. Jean. We reached our area by train, getting off at the Lake Edward station. Forest concessions in the area were leased from the province by lumber companies that banded together to place watchtowers on a few high points and, more importantly, to hire fire rangers to patrol a section of the area.

Our job was to travel through the area at regular intervals. All travel was done by canoe – two men to a canoe supplied, together with a small tent, by the employer. We had to put up signs at each end of every portage and keep the portage paths clear of branches or any other obstruction. My pal had done the same job the year before.

We arrived soon after May 1. There was still some ice in the lakes, but it melted quickly. I remember that our boots were frozen in the mornings when we left them outside our tent. We had axes to cut tent poles and evergreen branches to make a reasonably soft surface on which to lay our blankets. We also cut firewood for our cooking fire. We bought all food supplies at Lake Edward Village where there was also a post office.

The fishing was wonderful. When we first arrived we just put a piece of fat bacon on a hook, let it down over a big rock where the water was deep and in a few minutes we had trout ready to cook for supper. Later, as the water warmed up we fished in deeper water, using flies, or sometimes in the streams which flowed between the lakes. Imagine being well paid for such an ideal holiday!□

WHERE THEY ARE AND WHAT THEY'RE DOING

'08

L. De V. CHIPMAN, MD'08, who practised as an ear, nose, and throat specialistin Saint John, N.B., was honoured with a special party celebrating his hundredth birthday at Acadia University, Wolfvile, N.S.

'23

WALTER O. CHESTNUT, MD'23, who recently retired from the medical staff of the Carleton Memorial Hospital, N.B. was the guest of honour at a dinner in Woodstock where Premier Richard Hatfield praised the doctor's long-term commitment to the hospital and the community and stated that as well Chestnut was the physician in attendance at the Premier's birth.

'24

HELEN LINGAS, BA'24, has published *My Olympic Torch for World Justice, Unity and Peace,* a book of personal meditations and reminiscences.

'27

RENE POMERLEAU, MSc'27, former director of forest pathology research in the Canadian Department of Agriculture received an honorary degree at spring convocation at the University of Toronto, Ont.

'34

Dr. MORTON W. BLOOMFIELD, BA'34, MA'35, a medieval scholar and linguist at Harvard University, Cambridge, Mass., received an honorary degree from Western Michigan University at their spring convocation in Kalamazoo, Mich.

'35

HENRY F. DAVIS, BCL'35, served as the Canadian Secretary to the Queen during Her Majesty's 1982 visit to Canada.

'40

Dr. O.A. BATTISTA, BSc'40, who is president and director of his own research institute in Fort Worth, Tex., has acquired certain patents that will allow him to develop useful products from waste textile fibres.

'43

RAYMOND AYOUB, BSc'43, MSc'46, presented a series of four math lectures at Allegheny College in Meadville, Pa., in April.

BARBARA GILBERT, MD'43, chairs the Vermont Child Protection Coalition, currently lobbying for the passage of a state bill that will outlaw corporal punishment in the schools.

'45

MORRIS MILLER, BCom'45, having completed a contract as deputy secretary general of the World Conference on New and Renewable Sources of Energy for the United Nations in New York, N.Y., will represent Canada as executive director of the World Bank in Washington, DC.

'46

BRUCE H. BECKER, BCom'46, CA'54, has been named assistant vice-president, investment accounting, of Confederation Life Insurance Co.

JOHN C. DAVEY, BCom'46, has been named to a newly established position as vice-president for government and industry relations – Canada, in the Paul Revere Life Insurance Co., Burlington, Ont.

'47

MILTON McDOWELL, BSc'45, MD'47, was recently honoured by the Trinidad & Tobago Medical Association for his contribution to the field of Pediatrics in the Trinidad and Tobago region and was awarded a scroll of honour.

JULIUS METRAKOS, BSc'47, MSc'49, PhD'51, a professor at McGill's Centre for Human Genetics, chairs a campaign to fund a new Greek community centre on Cote Ste. Catherine Rd., in Montreal.

'49

Dr. ALLAN L. FORBES, BSc'49, recently received the 1982 Conrad A. Elvehjem Award for Public Service in Nutrition from the American Institute of Nutrition, with citation "for leadership in combining scientific knowledge, medical judgment, and compassion for human welfare in the development of national food safety policies, nutrition labelling, and public nutrition education."

Dr. ERNEST NEALE, BSc'49, former professor and head of the geology department at Memorial University, St. John's, Nfld., has been appointed vice-president (academic) of that institution.

R. KENNETH ROBERTSON, BEng'49, has been appointed president and chief executive officer of Versatile Vickers Inc., in Montreal.
A. PATRICK WICKHAM, BCL'49, a senior partner in Wickham, Wickham & Lussier, has been appointed co-chairman of St. Mary's Hospital Development Programme in Montreal.

'50
DAVID CARTER, BSc'50, has been appointed vice-president, exploration, of Placer CEGO Petroleum Ltd., in Vancouver, B.C.
JAMES W.S. McOUAT, BA'50, has been appointed general counsel in the legal department of TransCanada PipeLines.

'51
ARCHIE CARMICHAEL, MSW'51, has retired from his position as executive director of the Society for Crippled Children and Adults of Manitoba and has accepted an invitation from Rehabilitation International to serve as a consultant to the Fundacion Pre-Rehabilitation del Minusvalido, Bogota, Columbia, under the sponsorship of Canadian Executive Services Overseas.
Dr. WILLIAM GERSTEIN, BSc'51, an associate professor of Medicine at McGill, has been named dermatologist-in-chief at the Montreal General Hospital.
HUGH G. HALLWARD, BA'51, president of Argo Construction Inc., of Montreal has been named chairman of McGill's Board of Governors, effective July 1, 1982.
MICHAEL LAFFIN, DDS'51, won a seat in Nova Scotia's general election last October and has been sworn in as Minister of Housing.
J. MAURICE LeCLAIR, BSc'49, MD'51, has been named president and chief executive officer of Canadian National Railways.
ALFRED POWIS, BCom'51, chairman of the board and president of Noranda Mines Ltd., has been elected a trustee of the Schenley Football Awards for 1982-4.

'52
SOLOMON J. BUCHSBAUM, BSc'52, MSc'53, executive vice-president of Bell Telephone Laboratories in Holmdel, N.J., will chair the White House Science Council that will report to the Presidential Science Advisor.
CONSTANCE R. GLUBE, BA'52, has been appointed chief justice of the trial division of the Supreme Court of Nova Scotia.
E. LEO KOLBER, BA'49, BCL'52, has been appointed chairman and chief executive officer of Cadillac Fairview.
JOHN M. SCHOLES, BEng'52, has been named chief executive officer of Royal Trustco Ltd.

'53
Dr. NORMAN ENDLER, BSc'53, MSc'54, a psychology professor at York University, Toronto, Ont., and a consulting psychologist, recently published *Holiday of Darkness,* an account of his experience with depression and full recovery.
TOR O. STRANGELAND, BA'50, BCL'53, executive vice-president, pulp and paper of Consolidated-Bathurst Inc., was elected chairman of the board of the Quebec Forest Industries Assoc.

'54
G. FERNANDO DI LABIO, BSc(Agr) '54, received a Master's of Business Administration, magna cum laude, from the School of Business Administration, Pepperdine University, Malibu, Ca., in April 1982.
GUY P. FRENCH, BA'54, president and chief executive officer of American Can Canada Inc., has been elected to the board of directors of Xerox Canada Inc.
C.A. ("TONY") JOHNSON, BSc'52, MD'54, was last year appointed head of family medicine at Queen's University and Hotel Dieu and Kingston Hospitals in Kingston, Ont.
ANNE MARY (GYORGY) SKARSGARD, BA'54, MA'56, received a bachelor of law degree from the University of Saskatchewan in Saskatoon in May 1981.
RAYMOND I. SMITH, BSc'54, has been appointed president and chief executive officer of Placer CEGO Petroleum Ltd.

'55
PETER H. SIMS, BCom'55, a senior partner in Sims, McKinnon was appointed chairman of the board of Economic Mutual Insurance Co.
JAMES W. TREMAIN, BEng'55, has been named manager, human resources, for Canada Cement Lafarge Ltd.

'56
DONALD L. CROOK, BEng'56, has been named senior investment analyst in the Toronto office of Maison Placements Canada Inc.
JAMES A. STEPHENSON, BEng'56, has been named to the board of directors of Keeley Frontier Resources Ltd.

'57
TIMOTHY PORTEOUS, BA'54, BCL'57, has been appointed director of the Canada Council.
JOHN D. THOMPSON, BEng'57, has been named co-chairman of St. Mary's Hospital Development Programme in Montreal.

'58
GEORGE E. BLANDFORD, BEng'58, has been named vice-president and general manager of Canadian Pneumatic Tool Co., Ltd.
WILLIAM KORMAN, BCom'58, has been appointed senior vice-president and secretary of the Commercial Union Assurance Co., of Canada.
NORMAN SAMUELS, BA'58, dean of Rutgers University's Newark College of Arts and Sciences has been named acting provost of the entire Newark campus in New Jersey.

'59
TONY ASPLER, BA'59, a radio producer for CBC in Toronto, Ont., visited Montreal last spring to promote his new book *The Music Wars,* a novel he coauthored with Gordon Pape.
ROLAND B. BRETON, BCom'59, has been named executive vice-president, regional operations, for the Royal Trust Corp., of Canada.
WILLIAM J. NOBLE, BSc'59, has been appointed vice-president, pension trust services, of the Royal Trust Corp., of Canada.
G. ROGER OTLEY, BSc(Agr)'59, has been named executive vice-president, functional operations, for the Royal Trust Corp., of Canada.

'60
DOUGLAS A. NEWTON, BEng'60, has been named president of Hansen Transmissions Inc., in Connecticut.
ROGER PHILLIPS, BSc'60, has been appointed president and chief executive officer of Interprovincial Steel and Pipe Corp., Ltd.

'61
JOHN G. FLETCHER, BCom'61, has been appointed senior vice-president, finance and administration, for Sulpetro Ltd.
LEONARD L. GAGNE, BEng'61, has been named general manager of Atlas de Mexico.
Dr. ALEXANDER MacPHERSON, Dip Med'61, is the new medical officer for the City of Toronto, Ont.

'62
RICHARD K. GIULIANI, BSc'62, manager of the Great-West Life Assurance Co., Hamilton, Ont., has been elected chairman and chief executive officer of the 19,000-member Life Underwriters Assoc., of Canada.
MITCHELL L. HALPERIN, BSc'58, MD'62, has received a Canada Council Killam Fellowship to help support his medical research at the University of Toronto.
MICHAEL A. HASLEY, BA'62, has been named executive vice-president of Guaranty Trust Co., of Canada.
M. SAEED MIRZA, MEng'62, PhD'67, a McGill professor of civil engineering and applied mechanics, has been appointed general manager of the Engineering Institute of Canada.

'63

BRUCE G. CLARK, BA'63, has been named manager, export sales, for Algoma Steel Corp., Ltd.

JEREMY J. COLLISBIRD, MSc'63, has joined the Vancouver, B.C., office of Eckler, Brown, Segal & Co, Ltd., Consulting Actuaries.

EMILY KAHLSTROM, MD'63, assistant professor of pediatrics at the University of Southern California's School of Medicine, also serves as director of the tuberculosis family clinic and as the division chief of pediatric pulmonary medicine at the Los Angeles County – USC Medical Center.

'64

SANDRA (ZELNICKER) SAMUELS, BSc'60, MD'64, has been named medical director of student health services at Rutgers University in Newark, N.J.

ROBERT SILVERMAN, LMus'60, BMus'64, has been invited to the Soviet Union to perform six piano recitals in the fall of 1982.

'65

HARRISON BLOOMFIELD, BA'65, has been nominated to the position of commissioner of the Quebec Securities Commission.

DAVID H. LEES, BSc(Agr)'65, MSc'67, has been appointed group vice-president, responsible for the sales, marketing, breading, and technical divisions of the Griffith Laboratories, Ltd.

MICHAEL M. PETERSON, BA'65, has been made a partner in the law firm of Tilley, Carson, and Findlay, in Toronto, Ont.

MANON VENNAT, BCL'65, has become vice-president, administration, and general counsel for AES Data Ltd., of Montreal.

'66

ROBERT RENE de COTRET, MBA'66, has been appointed executive vice-president, international, of the National Bank of Canada.

JUDY (SHAPIRO) KNIGHT, BA'66, opened an antiquarian bookstore called Parnassus in Westmount, Que., in November 1980. The store, which caters mostly to collectors, was represented at a fair organized by the Association of Antiquarian Booksellers in Toronto, Ont., in April.

Dr. THEODORE C.M. LO, BSc'66, has been made chairman of the radiotherapy department at Lahey Clinic Medical Center in Burlington, and is also serving as a councillor in the Massachusetts Medical Society.

ANDREW TOEMAN, DDS'66, in his sixteenth year of private practice, is a McGill course coordinator and lecturer, teaches at the dental clinic at Montreal's Jewish General Hospital, and will be awarded a fellowship in the Academy of General Dentistry at their 30th convention in July.

'67

BARRY BROWN, BEng'67, has returned to National Defence Headquarters in Ottawa, Ont., after completing post-graduate studies at the United States Naval Postgraduate School where he won the AFCEA Honor Award for 1981 and was made a member of Sigma Xi and Eta Kappa Nu.

SID FINKELSTEIN, BEng'67, Dip Mgmt'71, has been appointed president of Atlas Engineering and Machine Co., Ltd., a subsidiary of Devjo Holdings Ltd.

JOHN R. HOEY, BSc'63, MD'67, senior physician in the clinical epidemiology division at the Montreal General Hospital (MGH) and a McGill associate professor of epidemiology and health, has been appointed chief of the community health department at the MGH.

JOHN ANGUS MacLELLAN, BSc (Agr)'67, received a masters in continuing education from the University of Saskatchewan in Saskatoon last October.

GRAHAM M. WILSON, BSc'67, has been appointed vice-president, finance, of MacMillan Bloedel Ltd., in British Columbia.

'68

RAYMOND BROUZES, MSc'68, PhD'72, director of environmental affairs for Alcan Aluminum Ltd., in Montreal, served on the New Brunswick Task Force on Environment and Reye's Syndrome, which has recommended that a significant change be made in the emulsifiers used to spray against the spruce budworm.

ROBERT JOHNSTON, BEng'68, MEng'71, is a partner in Computool Ltd., a Montreal-based, three-person company that makes computer products for the oil industry.

'69

SYDNEY P. DUMARESQ, BArch'69, has been elected president of the Nova Scotia Assoc., of Architects in Halifax.

EDGAR H. SCHMIDT, DipMgmt'69, has been appointed project director of the Ontario Waste Management Corp., a provincial crown agency.

'70

GEOFFREY W. GOSS, BEng'70, has been appointed director, commercial marketing, for the Network Systems Group of Northern Telecom in Dallas, Tex.

J. BARRIE MILLS, BEng'70, has been appointed administrator of the Greater Vancouver Regional District's newly organized pollution control department.

ROBERT MINTO, MSc'70, PhD'74, is now vice-president, mining and metallurgy, for the SNC Group in Montreal.

Dr. NORMAN SPECTOR, BA'70, was recently appointed Deputy Minister to the Premier in the office of the Honourable William R. Bennett of British Columbia.

'71

JAMES S. DUNSMUIR, DipMgmt'71, has been appointed director of manufacturing for Abbott Laboratories Ltd.

ROBERT GALLANT, BEng'71, has been named plant manager of Hercules Canada's polypropylene film plant in Varennes, Que.

NORMAN MONTCALM, BCL'71, has been appointed secretary and vice-president, legal affairs, of Civitas Corp., Ltd.

'72

GARY N. ALCOCK, BSc'72, has been named manager, minerals lending and marketing, for the Royal Bank's Global Energy and Minerals Group in Toronto, Ont.

BRENT C. BUTLER, BCom'72, MBA'77, has been appointed manager, office leasing division for A.E. LePage Ltd., in Edmonton, Alta.

SHARRY FLETT, BMus'72, played the role of Katharina in Shakespeare's *Taming of the Shrew* at the Stratford Festival, in Stratford, Ont., last season. The production was televised on CBC in February.

'73

KOURKEN BEDIRIAN, PhD'73, who owns a 150-acre farm near Rockwood, Ont., has helped perfect a method of implanting purebred embryos in scrub cows. The calves born using this technique are recognized as purebreds by both government and private breeders.

THOMAS E. NESBITT, BTh'73, has been appointed executive director of the Quebec Branch of the Kidney Foundation of Canada.

JAMES A. WOODS, BA'70, BCL'73, LLB'74, has entered into association with Eric L. Clark to form the Montreal-based law firm of Clark, Woods and Partners.

'74

PAPKEN BEDIRIAN, BSc'74, MSc (Agr)'77, who owns a 150-acre farm near Rockwood, Ont., has helped perfect a method of implanting purebred embryos in scrub cows. The calves born using this technique are recognized as purebreds by both government and private breeders.

DENNIS J. BOBYN, BSc'74, MSc'77, has been appointed group vice-president, planning and development, for Sulpetro Ltd.

JIM T. GENDRON, BSc(Agr)'74, has joined the resource evaluation and planning division of Alberta Energy and Natural Resources as regional resource coordinator in St. Paul, Alta.

J. LESLIE GRANT, BA'74, after five years of Saskatchewan Provincial Park planning in Regina, recently joined Parks Canada, Atlantic Region, in Halifax, N.S. as a national park planner for Cape Breton Highlands National Park.

GREGORY TARDI, BA'70, BCL'74, has joined the Privy Council Office where he will work for the Legislation and House Planning Secretariat.
MORRIE WEINBERG, BCom'74, has been named vice-president of Fuller Jenks Consultants Inc., a new computer consulting company formed by Fuller Jenks Landau, Chartered Accountants.

'75
JONATHAN BAYLEY, BMus'75, has formed a flute and guitar ensemble with Andrew Creaghan, BMus'78, that recently released *Between the Silence,* their second recording.
MASAHARU FUKUSHIMA, MArch '75, has been appointed chief designer in Stahl & Nicolaidis, an architectural firm in Montreal.
DON KOSSMAN, BEng'75, is a partner in Computool, Ltd., a Montreal-based three-person company that makes computer products for the oil industry.
DRUMMOND LAMB, DipMgmt'75, has joined the Montreal office of Woods Gordon, management consultants.

'76
MORRY GHINGOLD, BCom'76, MBA'78, has been appointed assistant professor of industrial marketing at the University of Cincinatti, Ohio.
CHRISTOPHER H. JOHNSTON, BSc'76, received a Bachelor of Law from the University of Saskatchewan in Saskatoon in May 1981.
JENS LARSEN, BEng'76, is president of Computool Ltd., a Montreal-based, three-person company that makes computer products for the oil industry.
ALAN E. ORTON, BSc'76, BArch'77, has been named an associate in Stahl & Nicolaidis, an architectural firm in Montreal.
STEVEN L. STRAUSS, BSc'76, received a doctorate in Veterinary Medicine from the University of Saskatchewan in Saskatoon in May 1981.

'77
CARLOS CHAMORRO, BA'77, is a founding director of *Barricada,* the newspaper of Nicaragua's Sandinista government, and recently visited Toronto, Ont., to encourage support for the Sandinista Front.

'78
ANDREW CREAGHAN, BMus'78, has formed a flute and guitar ensemble with Jonathan Bayley, BMus'75, that recently released *Between the Silence,* their second recording.
JOHN M. CYBULSKI, MBA'78, has been appointed executive vice-president of Menasco Canada Ltée.
JULIO ROJO, MEng'78, has been appointed senior process engineer with the SNC Group, Toronto, Ont.

'80
SHAREEN MILLER, BA'80, after completing a scholarship year in criminology at the University of Pennsylvania in Philadelphia, is currently enrolled in Osgoode Hall Law School in Toronto, Ont.
LOUISE MOULD, MLS'80, is a librarian for the University of Kisangani in Zaire.
MORRIE PAUL, BSc(Agr)'80, began a one-year-posting to Botswana, Africa as an agronomist – land resources officer for the Food and Agriculture Organization of the United Nations in May.

'81
Dr. LIONEL A. DUPUIS, LLM'81, has been named the treasurer and vice-consul at the Canadian Embassy in Lima, Peru.
EDWARD BURRIDGE, MEd'81, is principal at Stanley High School in New Brunswick.
CLIVE KESSEL, BA'81, is studying at the University of British Columbia's School of Community and Regional Planning in Vancouver.

DEATHS

'10
AMBROSE LOCKWOOD, MD'10, at Toronto, Ont.

'11
BASIL L. NARES, BSc'11, at Montreal on March 2, 1982.

'12
Hon. JOSEPH LEGRIS, BSc'12, at Windsor, Ont., on March 21, 1982.

'14
HENRY S. WINDELER, BSc'14, at Charlottetown, P.E.I., on Jan. 15, 1982.

'17
MAY (NEWNHAM) JACKMAN, BA'17, MA'21, at Dundas, Ont., on Jan. 2, 1982.
WILLIAM J. PEACE, BSc'17, at Hamilton, Ont., on April 14, 1982.

'21
STUART E. KAY, BSc'21, at Stamford, Conn., on Jan. 22, 1982.
ROY H. SMITH, BSc'21, at Sarnia, Ont., on April 7, 1982.
MORLEY A.R. YOUNG, MD'21, on April 15, 1981.

'22
RODERICK A. MacGREGOR, BSc'22, at Halifax, N.S., on March 29, 1982.

'23
PERCY M. CLARKE, DDS'23, at St. John, N.B., on Jan. 22, 1982.

'24
WILLIAM F. PRATT, BA'21, BCL'24, at Montreal on Feb. 11, 1982.

'25
SAMUEL CHAIT, BA'25, at Montreal on April 3, 1982.
Rev. HUGH MacPHAIL, BA'25, DipSW'38, on March 3, 1982.
JOHN H. MENNIE, PhD'25, at Montreal on Feb. 2, 1982.
HERBERT B. NORRIS, BSc'25, BSc'26, at Montreal on March 12, 1982.

'26
CHARLES L. COPLAND, BA'26, at Rawdon, P.Q., on Feb. 7, 1982.
A.B. KELLY, MD'26, in March 1981.

'27
CHARLES O. FAIRBANK, Eng'27, at Sarnia, Ont., on March 1, 1982.
PHILIP HORWITZ, BCom'27, on March 21, 1982.

'28
Hon. PAUL CASEY, BCL'28, at Montreal on March 24, 1982.
C. FREDERICK FARRAR, BCom'28, CA'31, on Jan. 17, 1982.

'29
HAROLD U. BANKS, BCom'29, at Montreal on April 14, 1982.
EMMANUEL COOKE, Q.C., BA'29, on Feb. 19, 1982.
SAMUEL GOLD, BA'29, MA'31, on Jan. 30, 1982.
ALEXANDER ZARITSKY, MD'29, on March 1, 1982.

'30
MARGUERITE R. BISHOP, BA'30, at London, Ont., on Jan. 5, 1982.
STANFORD PULRANG, MD'30, on March 21, 1982.
ROBERT A. SMITH, BSA'30, on Jan. 25, 1982.

'31
GORDON DAVIDSON, BA'27, BCL'31, at Lunenberg, N.S., on Jan. 23, 1982.

'32
J. GORDON PETRIE, MD'32, at Montreal on March 19, 1982.

'33
HERBERT E. CHAPLIN, BEng'33, BEng'34, at Montreal on Feb. 8, 1982.

'34
DORA GORDON, DDS'34, on Feb. 5, 1982.
GRAHAM G. WANLESS, BSc'34, on Dec. 16, 1982.

'35
DOUGLAS S. CALDER, PhD'35, at Nanaimo, B.C., on Feb. 3, 1982.

'36
LOUIS J. QUINN, BA'32, MD'36, at Montreal on March 26, 1982.

'37
JOSEPH B. MacDONALD, MD'37, at Stellarton, N.S., on March 22, 1982.

'38
GEORGE E. KIRK, MD'38, on Dec. 27, 1980.

'39
JOHN V. NICHOLSON, DDS'39, at Boston, Mass., in October 1981.
QUINTON PENISTON, PhD'39, on Sept. 23, 1981.
MARY (SCOTT) RUSSELL, BA'39, on Jan. 2, 1982.
ISRAEL SHRAGOVITCH, MD'39, DipSurg'49, at West Palm Beach, Fla., on March 21, 1982.

'42
MARY (CARMICHAEL) MacKIMMIE, DipPE'42, at Victoria, B.C., on April 6, 1982.
JAMES A. ROBERTS, BSc'42, at Fredericton, N.B., on Jan. 14, 1982.

'44
MORRIS COHEN, BCom'44, at Ottawa, Ont., on Oct. 16, 1981.
Dr. J. ROBY KIDD, MA'44, on March 21, 1982.

'45
Dr. FRANZ EDELMAN, BSc'45, at Detroit, Mich., on Jan. 15, 1982.

'47
CATHARINE G. BALL, BSc(Agr)'47, at Barbados, on March 30, 1982.
FREDA N. WALES, DipPE'41, BSc'47, at Halifax, N.S., on March 11, 1982.

'48
FRASER J. ABRAHAM, BSc'48, at Ottawa, Ont., on April 14, 1982.
LEO J. CAREY, BCom'48, at San Diego, Ca., on Feb. 23, 1982.
SHEILA (BEATON) HODGES, BA'48, at Dallas, Tex., on March 4, 1982.
WILHELMINA (NOBES) HOLMES, BCL'48, at Ottawa, Ont., on April 15, 1982.
THEODORE D. LABERGE, BCL'48, at Montreal on April 5, 1982.

'49
WESLEY G. BRYANT, BCom'49, at Montreal on April 6, 1982.
MILTON J. ORR, BCom'49, at West Vancouver, B.C., on April 17, 1982.
JOHN W. WALLACE, BEng'49, at Hamilton, Ont., on Feb. 25, 1982.

'50
JOHN L. AIKMAN, BEng'50, at Montreal on Feb. 21, 1982.
ERIC DEAKIN, BSc'50, at Burlington, Ont., on Feb. 9, 1982.

'52
BRUCE A. HAMILTON, BArch'52, in Devon, England, on March 15, 1982.

'54
ALEXANDER MELETOPOULOS, BEng'54, in December 1980.

'55
Judge LOMER RIVARD, BCL'55, at Montreal on March 8, 1982.
RODERICK F. ROBERTSON, PhD'55, at Montreal on Feb. 14, 1982.

'56
R. HUGO HEADLEY, BSc'50, DDS'56, at Calgary, Alta., on March 9, 1982.
GEORGE W. SUTHERLAND, DipAgr'56, at St. Armand, P.Q., on March 23, 1982.

'60
TRASZHA (RIESS) MacDOWALL, BLS'60, MLS'65, on Jan. 8, 1982.

'61
Dr. YORIHIKO KUMASAKA, DipPsych'61, on Sept. 13, 1981.

'72
EVELYN (LEVY) MORRIS, BSW'72, MSW'75, on Feb. 9, 1982.
AMBROSE O. POULIN, PhD'72, on Feb. 25, 1982.
KATHRYN A. RICHTER, BA'72, at Niagara Falls, Ont., on Jan. 30, 1982.

'77
ELAINE (ARMSTRONG) DENMAN, BEd'77, at Montreal on April 2, 1982.

ERRATA

We wish to send our sincere apologies to Sybil Ross, DipSW'47, for the erroneous appearance of her name in the Winter'82 "Deaths" column, as well as to George S. Newman, BA'67, whose name appeared by mistake in the September 1972 McGill News *"Deaths" column.*

The Yellow Door Needs Volunteers

Are you a mature person (of any age) who has an interest in community work and a few hours to spare?

If so we can offer you a satisfying and educational experience as a volunteer worker with our elderly and handicapped clients.

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- do occasional shopping for or accompany a variety of people,
- or get involved in a programme of social activities for residents of our non-profit housing project in the McGill-area.

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To find out how to become a Yellow Door volunteer please call:

Leslie Stevens at 392-6742

SOCIETY ACTIVITIES

A flurry of phonathons and a taste of wine

As spring convocation signals the end of the 1981-82 academic year and the imminent arrival of some 4,000 new Graduates' Society members, Martlet House, headquarters of the Society, continues to busy itself hosting a variety of events. And there will be no lull this summer due to preparations for the Society's 125th anniversary and plans to involve more graduates in the university's future.

While it was reported in the last issue that the outside branches had been very active, the Montreal-area organizations, including the executive and board of the Society, have been busy too. Each year the Society runs a graduating class officers programme. These young graduates are responsible to their classmates for setting up class events, newsletters, and reunions. Some of them become class agents for the Alma Mater Fund (AMF) as well. Acknowledging the work and importance of the class officers, Principal Johnston hosted a Martlet House reception for them in late March and presented each officer with a set of McGill Graduates' Society Sesquicentennial Prints. The Principal was introduced by Society President Richard Pound, BCom'62, BCL'67, who was joined at the reception by several members of the board and the Montreal branches.

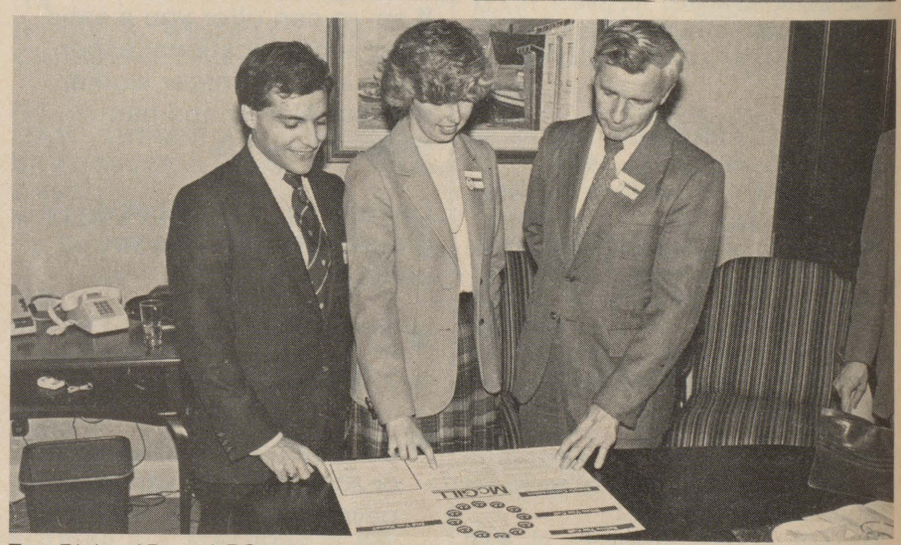
Of the many ventures supported by the Graduates' Society in the area of student relations, the annual Scarlet Key programme, coordinated with the Dean of Students Office and the Students' Society, is perhaps the most appreciated. This year over 150 outstanding students were interviewed, approximately one-third winning the coveted awards.

When March came in like a lion with its $250,000 AMF Challenge Gift (a description of which is found elsewhere in this issue) it set off a flurry of activity. Director of Annual Giving Gavin Ross, his staff led by Paul Heyman, Les Jackson, BCom'80, Carolyn Polson, and Diane Turnball, and the Graduates' Society staff combined their talents and set about to have the Gift matched by the May 31 deadline. About 150 Montreal-area graduates took part in phonathons to raise a record amount of money in pledges. Special thanks for rounding everyone up goes to the phonathon committee composed of Ann Vroom, BA'67, Harriet Stairs, BA'67, Tony Peccia, BSc'75, MSc'77, MBA'78, and Marilen Gerber, BA'65.

Even before the Challenge Gift offer was received, graduates had decided to







Top: Richard Pound, BCom'62, BCL'67, president of the Graduates' Society welcomes class representatives, Chris Linstrom, MD'82, Valérie Jaeger, MD'82, and Michael Petrocci, MD'82, to the fold.

Middle: Macdonald Branch President Larry Johnston, BSc(Agr)'72, above left stands next to Larry Lengyel, BSc(Agr)'80, and behind Pat O'Donoughue, BSc(Agr)'77, and Harold Blenkhorn, BSc(Agr)'50, as they prepare to "dial for funds."

Bottom: Two of the Montreal phonathon organizers, Tony Peccia, BSc'75, MSc'77, MBA'79, and Ann Vroom, BA'67, discuss the phonathon user's guide with Principal Johnston prior to the main event.

Henry Cadmus



Henry Cadmus

Above: Dean of Arts Dr. Michael Maxwell, DipAgr'54, MA'61, PhD'66, greets both graduates and the new class officers, from left to right, Claudia Rogers, BA'66, Sarah Douglas, BA'82, Memoria Lewis, BA'82, André Buteau, BSc'82, Dean Maxwell, David McEntyre, BCom'67, and Roxanne Lefebvre, BMus'82.

conduct phonathons in New York, Philadelphia, Washington, D.C., Calgary, Edmonton, Toronto, Ottawa, Halifax, the New Brunswick area, and from the Macdonald Branch. The largest out-of-town phonathons were coordinated in Vancouver by Gordon Lindsay, BEng'48, and branch president, Keith Dawson, BA'59; in Toronto by Dan Amadori, BCom'72; and in Ottawa by George Winters, BSc'48, DipMgmt'60.

Back in Montreal, the Alumnae Society staged a very imaginative one-day conference on April 24. Funding for this seminar on microtechnology and its future impact on the employment of women, came in part from the federal government and from the Graduates' Endowment Fund. In addition to carrying on with the Alumnae Society's usual activities, president Margaret Legge, BA'51, and her executive are no doubt in the vanguard of those preparing for the 100th anniversary of the admission of McGill's first female students: this will take place in 1984.

After last year's successful 75th anniversary celebrations Macdonald Branch president Larry Johnston, BSc(Agr)'72, helped maintain the branch's momentum by encouraging a "campus care" drive, continued scholarship and bursary commitments, and a phonathon.

According to Robert Kerr, BSc'66, president of the McGill Society of Montreal, over 8,000 people have participated in their general programming this year. They have also conducted a successful drive for faculty club memberships, and topped the 1,000-participant mark for the Group Term Life Insurance Programme which, according to Insurance Committee Chairman David Laidley, BCom'67, means a 20 per cent improvement in benefits for the current year. And with a growing waiting list, the China Tour scheduled for October has been fully booked.

The McGill Young Alumni continue to recruit actively from among the recently graduated class officers. Now in their eleventh year of operation – a Canadian record – they offer a diverse array of events aimed at fostering good relations among alumni and the community at large. According to President Geza Joos, MEng'74, three of their events drew over 100 participants and dealt with photography techniques, home renovations and, of course, wine tasting. *Executive Director of the Graduates' Society Gary Richards* □

Below: Martlet House served as the location for the 50th anniversary celebration of Kappa Alpha Theta. Taking part in the ceremony were May Robertson, BCom'38, Joy Oswald, BA'33, and Aileen Willis, BA'39.



FOCUS

Stuart Smith

"One day I accused Principal Cyril James of giving contracts to architects based solely on the size of their contributions to McGill. Needless to say, he threw me out of his office and demanded an apology. He got one, of course, at least a half-hearted one, but we got the architects we wanted," says Stuart Lyon Smith, BSc'58, MD'62, DipMed'67, recently appointed the first full-time chairman of the Science Council of Canada, a body that advises the Minister of State for Science and Technology.

A former student activist, keen debater, and Students' Society president at McGill, Smith who is now 43 was speaking about the late fifties and early sixties when he was a main organizer of McGill's first campus strike, one that joined with other Quebec students' efforts to force Premier Maurice Duplessis to start a programme of loans and scholarships. "The premier's position," says Smith, "was simply that higher education was the responsibility of the family and shouldn't have one cent of public funding." Between McGill and the Science Council, Smith continued to pioneer in other ways. In 1965, after some stalwart work for the Liberal Party, he was regarded as a certainty for the federal Liberal nomination in Montreal's Mount Royal riding, but agreed to step aside for another newcomer to politics – Pierre Elliott Trudeau. After completing his psychiatric internship at the Montreal General Hospital in 1967, Smith was invited to stay on there. Instead, he accepted Dean John Evans's offer of a lower paying job at McMaster University's brand-new medical school in Hamilton, Ontario. Smith recalls: "I wasn't too sure where Hamilton was then, but I thought I would have a better chance to put my notions about psychiatry into practice in a new school, and then the promotions would come in due course." He and his wife, former Montreal CBC-TV co-host Paddy Springate, BEd'63, and their two young children moved to Burlington, near Hamilton, that year.

Smith was more than a teacher, of course. He was a clinical and research psychiatrist and the first to do pioneer work in the training and use of nurse therapists. "It seemed to me to be a waste of time and money to have relatively scarce and highly paid psychiatrists doing things that other professionals, who were less extensively or expensively trained, could properly do. To prove that, I went out and trained a group of nurses to do psychiatric history-taking, family interviewing, and some counselling in areas like simple medication usage. Historically, I think we proved that this was a very useful approach indeed." He also published a number of articles and taught a televised course on psychiatry. In his seven years as psychiatry professor, he found research to be "the most interesting. People change, but the problems do not."

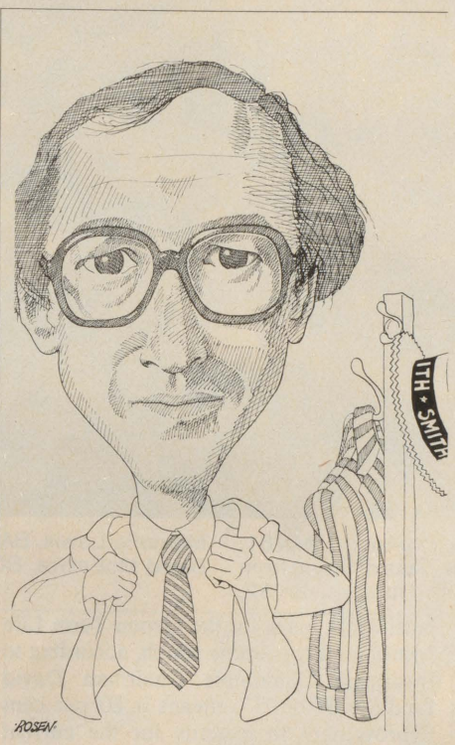
Angered by the Ontario red tape he encountered in his attempts to help adolescent drug-users and by the province's incompetent handling of local pollution problems, Smith sought a Liberal provincial nomination in Hamilton West and was elected in 1975. The next year he became Leader of the Liberal Party of Ontario and in 1977 Leader of Her Majesty's Loyal Opposition. When Smith stepped down from the Liberal leadership last December, Michael Cassidy, who retired from the Ontario leadership of the New Democratic Party at about the same time and who often differed with Smith in the Legislature, said that he found his colleague to be a "consummate debater and basically a good Opposition Leader."

Smith's latest appointment to the $75,000-a-year Science Council position miffed a few individuals, such as outgoing chairman Claude Fortier who publicly criticized it. In response to such criticism, Smith says, "I fully intend to serve my five-year term here, and who knows, maybe even another one." Most appointed Council members and the staff have come to take Smith at his word. As one member put it: "It's nice to have someone on Council who understands communication with the public, the politicians, and the bureaucracy and who has the right sort of connections to go around road blocks, if he needs to. The Council has been bad at this in the past."

Smith certainly isn't there for the money: "My take home pay is actually a little lower than my Opposition Leader pay was, and much less than I could make in psychiatric practice, or in the deanship of a medical school." Rather, Smith is turned on by the wish to overcome some of the fundamental problems faced by the Council, and by science, technology, and engineering in Canada today. One special concern for Smith is to reduce Canada's dependence on manufactured imports by encouraging the nation to develop its own technology and its "brainpower." "Ideally," he says, "within a decade, I'd like to displace imports so that our deficit on manufactured goods in international trade is halved. However, if I can help make Canadians believe even half as much in their own brains and ingenuity as they do in their rocks and timber, I will have done something here."

He also wants more short-term Council studies using outside consultants or borrowed staff, instead of the lengthy efforts the Council has undertaken in the past. These will help the Council to overcome its main problem – a general lack of visibility and impact on government and industry. "Then," he says, "we can concentrate on our task of sensitizing Canadians to the potentialities of science," much as John J. Deutsch did with the Economic Council of Canada some years ago.

Smith usually spends a couple of days a week visiting high technology operations. Occasionally, too, he becomes the visiting professor at McMaster. "You know, it's funny how things move in circles. Debating, which I had enjoyed so much at McGill, gave way to mass action in the sixties. Now, it's back in style, and all my old debating chestnuts from my college days are new and appreciated by these kids," he says with a smile. *Hawley Black, MA'68*□



David Rosen

One of Smith's special concerns is to help Canadians believe even half as much in their own ingenuity as they do in their rocks and timber.

ANNUAL GENERAL MEETING

Notice is hereby given of the Annual General Meeting of the Graduates' Society of McGill University.
Thursday, September 23, 1982
5:30 p.m.
Oval Room
Ritz-Carlton Hotel

The Meeting is called for the purpose of receiving reports, presenting awards, electing and installing officers, appointing auditors, and other business.
Martha McKenna, Honorary Secretary

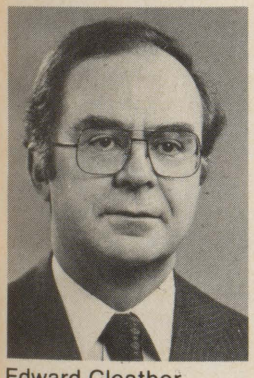
GRADUATES' SOCIETY NOMINATIONS


Edward M. Ballon

For Graduate Governor
on McGill's Board of Governors
Term – Five Years
Edward M. Ballon, B.A.'47, MBA'50 (Harvard)
Vice-President, Henry Birks and Sons Ltd.
Chairman of the Board Lucas Foundation
Former Chairman of the Board,
Selwyn House School
Member, Board of Governors of
St. Andrew's College
Former President, McGill Students' Society
Former President, McGill Students'
Athletic Council
Former President, McGill Graduates' Society


Carlyle Johnston

For President
Term – Two Years
Carlyle Johnston, B.A.'50, B.C.L.'53
Lawyer, Lavery, O'Brien et al, Advocates
Former Chairman, McGill Alma Mater Fund
Former Vice-President, McGill Graduates' Society


Edward Cleather

For Vice-President
Term – Two Years
Edward Cleather, B.A.'51
Executive Vice-President and Director,
Guardian Trust Co.,
Former Treasurer, McGill Graduates' Society
Former Chairman of Board of Governors and
Governor – Lower Canada College
Former Honorary Treasurer of
National UNICEF Committee
Founding Member and Director of
African Students Foundation

Article XIII of the Society's bylaws provides for nominations by the Nominating Committee to fill vacancies on the Board of Directors and the university's Board of Governors. Additional nominations for any office received before July 31, 1982, and signed by at least twenty-five members in good standing, will be placed on a ballot and a postal election held. If however, the Nominating Committee's selections are acceptable to graduates, those named will take office at the Annual General Meeting.

For Vice-President Alumnae
Term – One Year
Kyra Emo Davis, B.Sc.'53

For Secretary
Term – Two Years
Ann Vroom, B.A.'67

For Treasurer
Term – Two Years
David Laidley, B.Com.'67

For Members of the Board of Directors
Term – Two Years
Donald A. Coggan, B.Eng.(El.)'67
Alan Lindsay, B.A.'54
Claude Joubert, B.Com.'76
David Popkin, B.Sc.(Agr.)'62
Peter Woollven, B.Arch.'70

For Regional Vice-Presidents
Term – One Year
Atlantic Provinces
John William Ritchie, B.Sc.(Agr.)'51

Quebec (excluding Montreal)
David Ellis, B.Eng.'56

Ottawa Valley & Northern Ontario
JoAnne S.T. Cohen Sulzenko, B.A.'68

Central Ontario
Don Greer, B.Com.'56

Alberta
Norman Brown, B.Sc.'48, M.Sc.'52

Saskatchewan and Manitoba
Richard Evans, B.Sc.(Agr.)'55

British Columbia
A. Boak Alexander, B.Arch.'62

Great Britain
Barry J. Moughton, M.C.L.'58

New England States
Alex Savran, D.D.S.'64

U.S.A. East
Richard M. Hart, PHD'70, M.B.A.'73

U.S.A. Central
Albert Rabinovitch, B.Sc.'66, M.Sc.'69

U.S.A. West
Donna Sexsmith, M.S.W.'55

Caribbean
George L. Bovell, B.Sc.(Agr.)'45

Bermuda
John D. Stubbs, M.D.'56

Does your alma mater matter?



"I remember that. It was about a year after we came back from the South Pacific wasn't it?"

Have you ever noticed how our lives are measured from landmarks; from times when we feel that we've made it, we're on top of the world? Some events, like graduating from university, are both landmarks and stepping stones. When we reach them, we can go anywhere. And when we get where we're going (or even along the way) it's nice to look back at where we've been, to remember how we got where we are.

At the *McGill News* we try to keep you in touch with one of the landmarks in your life. In the *News* you'll find the people who shared your triumph at graduation and learn what they're doing now. You'll also discover the issues facing McGill today and meet the people who are shaping the university of tomorrow.

The *News* is sent free of charge to all grads in the first two years following their graduation, to certain members of the faculty and staff, and to all other grads and friends of the university who make annual contributions. (Libraries and other institutions may subscribe for $10 per year.)

If you have not already done so, we invite you to make a (tax deductible) contribution to McGill in order to continue receiving the *News*.

Remember your alma mater. Wherever you go, it matters.

Please make cheques payable to the Martlet Foundation (or, if you are a resident of the United States, to the Friends of McGill University Inc.) and forward to:

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McGill News

November 1982

John Hallward's mission to Poland

A new framework for botany

Learning to loathe the bomb

On stage at Stratford



My Fur Lady celebrates her twenty-fifth anniversary.

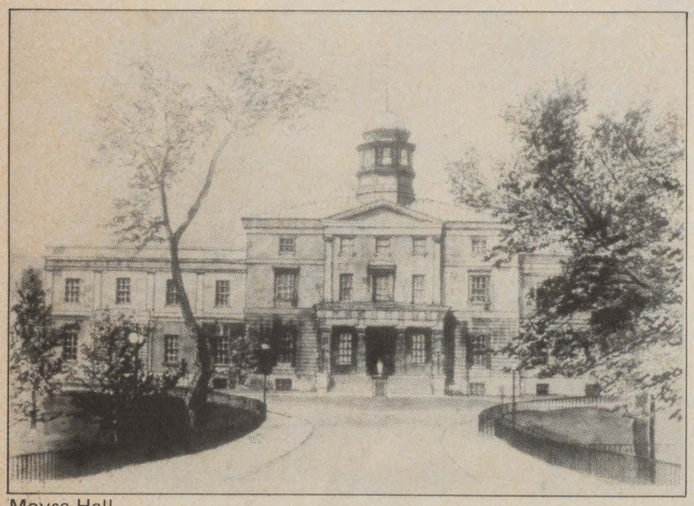
The Twenty-fifth Anniversary Reissue of the Original "My Fur Lady" is now available.

To order a reprint of the original *My Fur Lady* record send $8.00 plus provincial tax or $10.00 for out of province postage and handling to: The McGill Book Store, Samuel Bronfman Building, 1001 Sherbrooke West, Montreal, Quebec, H3A 1G5.

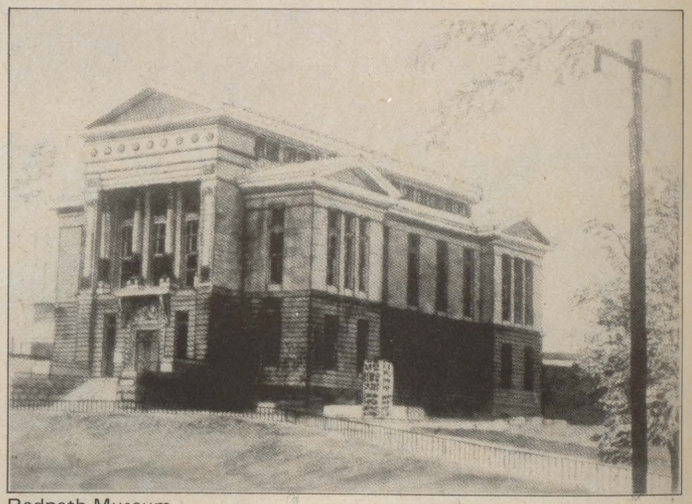


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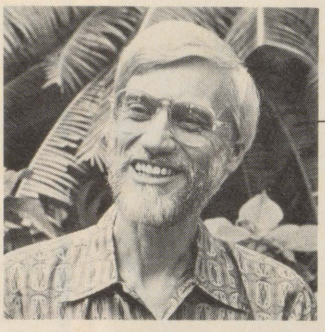
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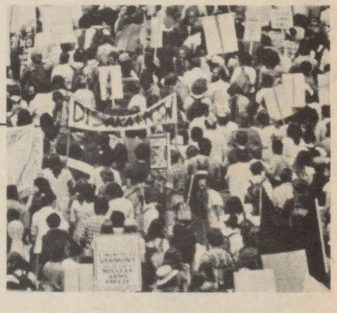
Former Graduates' Society president John Hallward tells how he helped organise the delivery of relief supplies to Poland. The adventure took him through Europe and provides an encouraging example of French and English Montrealers working jointly in a philanthropic endeavour.





Dr. Rolf Sattler: Opening our perceptions of the plant 12
by Charlotte Hussey

This McGill botanist and newly appointed member of the Royal Society of Canada has constructed a model for the interpretation of flowers and whole plants that has many far reaching consequences, not only for science but for society in general.



How McGill learned to start worrying and loathe the bomb 15
by John Sainsbury

Concern over the possibility of nuclear warfare is today widespread at McGill. But in the early 1960s "banning the bomb" was a minority crusade that was in definite conflict with the prevailing campus mood.



Sharry Flett and Curzon Dobell: On stage at Stratford 17
by Kathe Lieber

Two McGill graduates talk about their involvement in the quest for theatrical excellence.

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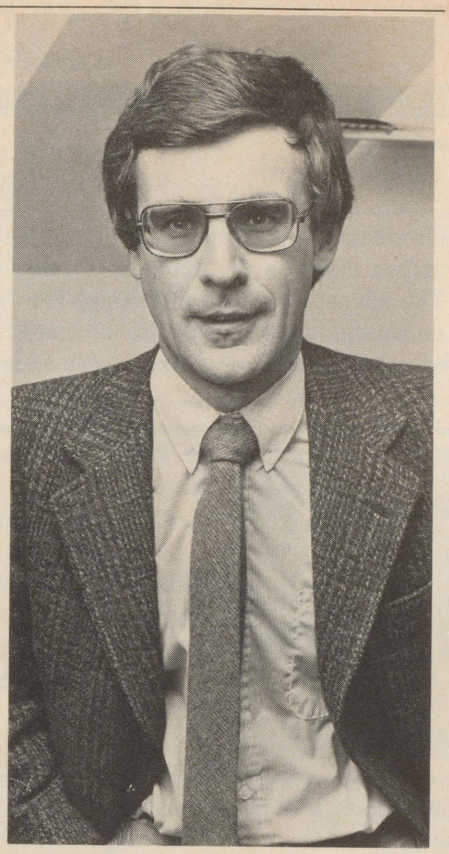
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Cover: My Fur Lady herself, Ann (Golden) Fisher, cuts the cake in celebration of the Lady's twenty-fifth anniversary. Behind is the revue's contribution to the great Canadian flag debate. (See page 27 for the story of the My Fur Lady cast reunion).

Cover Photo: Gerard Martin.

INTRODUCING...



Harold Rosenberg

I take great pleasure in introducing John Sainsbury as the new assistant editor of the *McGill News.* He replaces Alison Nesmith who had the audacity to resign to go and marry a Connecticut lawyer. (We wish her well anyway.)

A former free-lance journalist and reporter for a national tabloid, John is a native of England. He was graduated from Cambridge University (St. John's College) with a BA in 1968 and an MA in 1972. He received his PhD from McGill in 1975. His field of scholarship is colonial American history.

He has taught at both Canadian and American universities including Brown, McGill, and the Universities of Pennsylvania and Western Ontario. It is our good fortune, therefore, that the job market for history teachers is so poor. John Sainsbury's wit, mastery of the English language, editorial acumen, and overall familiarity with McGill will continue the excellent scope and quality of the *McGill News.*

Gary Richards,
Director of the Graduates' Society

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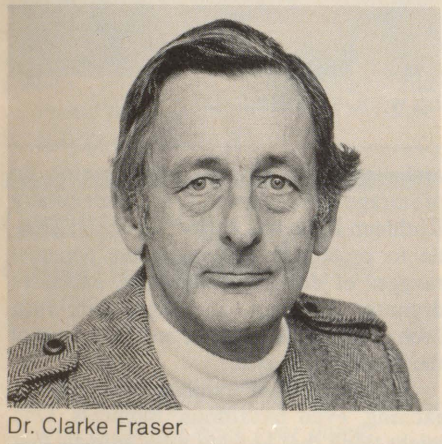
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NEWSBREAK

Bouquets and... more bouquets.

Despite general financial stringency at McGill, funding for research has never been healthier. During the academic year 1981-82, the university's staff and students received a total of $56 million dollars in grants and contracts to support their research – an increase of sixteen percent over the previous year. Most of this money came from Ottawa, but a significant proportion was granted by Quebec, Canadian foundations, and private industry.



Dr. Clarke Fraser

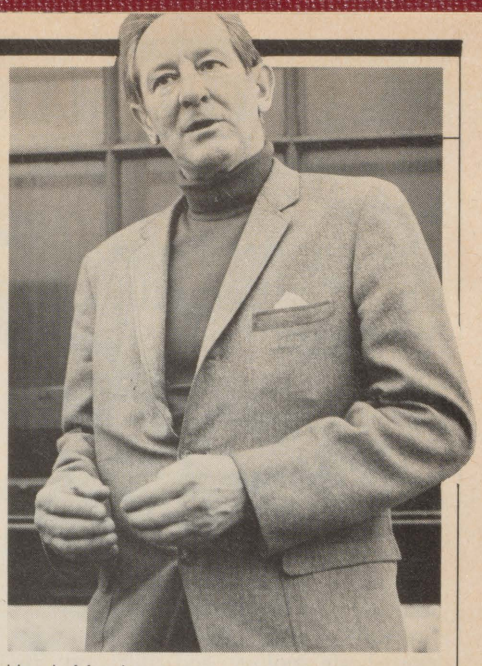
A grant of over $600,000 from the Medical Research Council has enabled Memorial University of Newfoundland to invite two McGill geneticists, **Clarke Fraser,** MSc'41, PhD'45, MD'50 and **Marilyn Preus,** MSc'71, PhD'75, to join its faculty. Fraser, a professor in the department of biology and pediatrics, and Preus, an assistant professor in the pediatrics' department, join a team engaged in the genetic study of families, especially those with genetically-linked diseases. Newfoundland is an ideal location for such research because of its stable, isolated communities and well-documented population demography.

Daniel Ling, MSc'66, PhD'68, a professor in the School of Human Communication Disorders, has won further honours for his innovative work in teaching deaf children how to talk. In June he received the Teacher of the Year award of the Alexander Graham Bell Association for the Deaf and was selected an honorary president-elect of that organisation. He has also been elected a fellow of the American Speech-Language-Hearing Association.

Two members of the McGill community have recently been appointed to the Order of Canada. **Mrs. Caroline Clow,** co-director of the Hereditary Metabolic Disease Unit and a lecturer in the department of pediatrics, received the honour for her achievements in the field of genetic screening, accomplished without any formal professional training. Also inducted into the order was **Jean L. Richer,** BEng'43, a member of McGill's board of governors, a former vice-president of Canadian National, and a longtime volunteer in charitable and cultural endeavours.

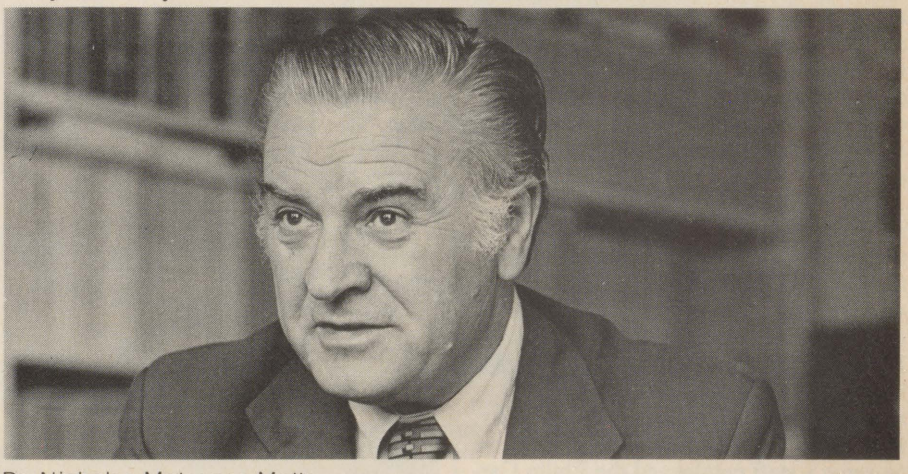
The University of Pavia, Italy, has awarded the Carlo Forlanini gold medal for scientific achievement to **Dr. J. Milic-Emili,** professor of physiology and director of the Meakins-Christie Laboratories.

Dr. Nicholas Mateesco Matte, director of McGill's Institute and Centre of Air and Space Law, was elected the 1982-84 president of the International Law Association when its annual conference was held in Montreal recently. Dr. Matte is the first Canadian president of the association in its 109-year history.

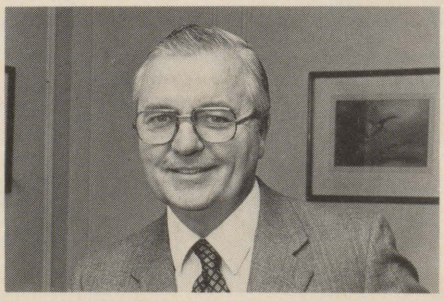


Hugh MacLennan

Hugh MacLennan, novelist and emeritus professor in the English department, has joined the faculty of Mount Allison University for the fall term as Winthrop Richard Bell Professor in Maritime Studies.



Dr. Nicholas Mateesco Matte



John Heney

Following a distinguished business career in Ontario, **John Heney,** BCom'49, has been appointed director of the McGill Advancement Programme. Heney was on the board of directors of the Stratford Festival for twelve years, including two years as president and another as chairman of the festival's financial campaign. He also headed the United Way (Red Feather) campaign in Stratford.

Catherine Ahearn, BA'70, has been appointed Ottawa's first poet laureate. The obligations of this position, which carries an annual stipend of one dollar, consist of writing six poems a year. Ahearn's first effort rhapsodised the glories of the Rideau Canal.

McGill is taking legal action to secure the reconstruction of Strathcona Hall – the elegant graystone building at the corner of McGill College Avenue and Sherbrooke Street that once housed the YMCA and later several McGill offices. The university sold the building to Devencore Realties in 1980, together with some adjacent properties, on condition that it would be preserved intact. Despite that stipulation, the five-storey landmark was dismantled this summer and there is now a rubble-filled hole where it used to stand. The developers are claiming that the foundations were too unstable to allow for its preservation. □

WHAT THE MARTLET HEARS

Happy one-hundredth birthday Redpath Museum!

The Redpath Museum is celebrating its centennial this year – it was in August 1882 that the imposing, neo-classical building, donated to McGill by Peter Redpath, first opened its doors to scholars. To commemorate this event the Redpath's staff arranged special exhibits dedicated to the work of Sir William Dawson (the McGill principal who became the museum's first director) in the fields of paleontology, invertebrate zoology, and education. The centennial celebrations also included an August reception for more than three hundred paleontologists attending the Third Annual Paleontological Convention in Montreal.

The museum has seen many changes in its 100-year history. Originally a teaching and research institution housing the mineral and fossil collections of Sir William Dawson and others, its role has shifted in accordance with the specialised interests of its directors and the perception of how its resources could best serve the needs of scholarship and scientific research.

After Dawson's death in 1899, the celebrated geologist Frank Dawson Adams took over as director. Under his auspices the mineral collection expanded, and students and staff used it for intensive research in mineralogy. In 1932 Thomas H. Clark, an invertebrate paleontologist, became director and the research emphasis at the Redpath shifted toward his specialty. It was during his directorship that the museum's staff catalogued the Philip Carpenter Mollusca – an important collection of west coast shells donated to McGill in 1867.

Clark was succeeded as director by Alice Johannsen, BSc'34, in 1952. With her appointment the character of the museum changed; the emphasis was now placed on the education of the public. The Redpath opened its doors to school groups and, because it was the only natural history museum in the area, the response was tremendous; the galleries were regularly thronged with children of all ages and both Canadian languages. Some of the current staff who worked in the museum at that time swear that they can sometimes hear the ghostly echoes of forty little voices and the patter of eighty little feet from a school class being taken around.

The museum was closed to the public in 1971, but under the directorship of John B. Lewis, BSc'49, MSc'50, PhD'54, its teaching and research functions have expanded enormously. A marine biologist specialising in coral reefs, Lewis was joined at the museum by Henry Reiswig, an invertebrate zoologist and specialist in sponges. Their research interests have given the museum a definite marine flavour, and some say – aroma.



John Geeza

Taking care of stuffed animals can be exciting work, says Redpath zoologist Delise Alison.

Although no longer catering to the general public, the museum staff maintains and arranges for teaching exhibits of its collections of minerals, fossils, mammals, birds, invertebrates, and artifacts. Two collections in particular – minerals and shells – are still expanding rapidly, involving the staff in a constant process of cataloguing. Also the anthropology and archaeology collections were brought out of storage a few years ago, and their curator Kathleen Zahn has to fight an ongoing battle to protect them against the potential ravages of excessive humidity, excessive dryness, extremes of temperature, rust, bronze and glass disease, and the larvae of the dermistid beetle.

Taking care of exhibits can have its exciting, even hazardous, moments. One might think that looking after animals that have been dead for anything up to 130 years would be safe work; but not so. Zoology curator Delise Alison recalls the time when she was showing students the occl-



John Geeza

Redpath staff, Joan Kaylor, Kay Zahn, and Ingrid Birker, celebrate the centennial with old friends.

usal surface of the molars of a rhinoceros. The student holding up the cranium let it drop, trapping Alison's hand between the rhino's teeth! In the course of her work at the museum, Alison has also been stabbed by the antlers of a wapiti, jabbed by the bills of birds, and scratched by the claws of weasels.

All in all the Redpath Museum is a lively place, which continues to flourish as a teaching and research institution. During the school year, students study the exhibits that have been carefully put together by curators and technicians. Art classes draw bones and birds. ("Such a lovely change from the eternal bottles and nudes," they say). Classes from colleges and other universities come there for special demonstrations in anthropology, Egyptology, and mammalogy. During the summer visiting researchers study the collections. All through the year specimens are sent out on loan to workers in other institutions. And of course the research by the museum staff in anthropology, archaeology, invertebrate zoology, mineralogy, paleontology, and vertebrate zoology continues as it has done for 100 years. *Delise Alison*□

Curing those control tower blues

Tower to aircraft: Alpha, Bravo, Charlie. Cleared to land. Check gear down.
Aircraft to tower: Alpha, Bravo, Charlie. Roger. Three in the green.

It sounds so slick and casual, but regulating the arrival and departure of planes at any airport is a stressful occupation. And in the mid-1970s in Quebec, the stresses in air traffic control became more pronounced than ever. Controversy over the issue of bilingualism in air-to-ground communications caused a schism between anglophone and francophone controllers that persisted after the use of French in provincial control towers won acceptance.

It was partly to defuse this explosive atmosphere – and to alleviate the mental and physical problems it had exacerbated – that in 1977 Transport Canada and the federal Ministry of Health and Welfare introduced another component to the controller's health programme in Quebec: an on-site physicians' service. A team at the Montreal General Hospital, headed by William Macdonald, BA'39, MD'43, acting director of the Family Medicine Centre, was put in charge. Explains Macdonald: "The government people wanted to have a local physicians' group available to help controllers cope with the stressful environment.

"They were also concerned with finding out more about the nature and extent of the stresses and whether or not these would be reflected in, say, a higher incidence of hypertension or heart disease. At the moment we're just starting an extensive opthalmological study to see if the radar equipment and lighting in the new control tower centre at Dorval could affect vision."



A pilot himself, Dr. Walter Spitzer understands the importance of keeping controllers healthy and happy.

One health problem has been definitely identified by research in the U.S.: air traffic controllers suffer more psychoneuroses than other occupational groups. So, not surprisingly, counselling is the main function of the four doctors who make scheduled visits several times a week to Dorval. Most controllers' complaints concern friction with managers who have to insist on compliance with regulations even when these make the controllers' job more difficult than ever to execute.

"We often end up trying to interpret the behaviour of a controller to management and vice-versa," explains Macdonald. "Essentially we deal with anything that may affect a controller's ability to carry out his duties – it could be domestic problems, weight control, smoking, or drinking habits. Our goal is to keep them as physically and mentally healthy as we can."

Occasionally the physicians are called on for crisis intervention. Since the service began five years ago, there has been no controller-related air crash in Quebec – but there have been near-misses and fatal accidents, owing to pilot error or mechanical failure, which have left the controllers badly shaken. "We have a special response arrangement in such a situation," notes Macdonald.

It is not only in Dorval that the doctors offer their services. The Quebec City airport is serviced weekly by a local physician and the Dorval doctors also make monthly trips to other airports in the Montreal region and give telephone consultations to controllers in Sept Iles, Val d'Or, and other outlying areas. One member of the team Dr. Walter Spitzer, a professor in the departments of family medicine and epi-

demiology, pilots a leased plane in making the rounds of these smaller airports two or three times a year.

Although the physicians don't provide treatment *per se,* the controllers, after some initial hesitation, have come to rely on them for counsel. Now about eighty percent regularly seek help. Bob Carlsen, who's been a controller for more than six years, has nothing but praise for the service. "It's the only thing the government has given us that's benefited us," he says. "It's good to know there's somebody there anytime you have a problem." Another long serving controller, Dennis Dubrule, agrees: "As far as I'm concerned, they've done a favour to the Department of Transport in many ways. I suspect they've cut down the rate of sick leave, for instance." Management is equally enthusiastic. "They've been able to identify problem areas that seem to be brewing," says Murray Daigle, the chief of the area control centre for Quebec.

The service is renewed on a year to year basis; and last spring it appeared that it might fall victim to government cutbacks. But after numerous appeals the government came through with its annual subsidy and Macdonald is confident that the obvious value of the programme will ensure its continued support. *Louise Abbott*□

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Students spring funds for new field house

The McGill community can look forward to the construction of an up-to-date athletics field house – thanks to a heartening initiative from the university's student body. Three years ago, the athletics department began pressing for a building and renovation programme to upgrade its dilapidated and overused facilities. Its proposals evoked a sympathetic response from the administration, but a shortage of money threatened to delay indefinitely the implementation of improvement plans, beyond some minor refurbishing. No financial help was forthcoming from the government because, according to provincial norms, McGill already possessed sufficient space for athletics.

With the hope for new facilities rapidly fading, the members of the Students' Athletics Council formulated a scheme that has breathed new life into the project. They proposed a referendum calling on students to approve a special addition to their fees to help finance the construction of a new field house on the south side of Molson Stadium. Surprisingly, their proposal ran into some stiff opposition from a student faction that was philosophically opposed to the concept of voluntarism and who argued, somewhat unrealistically in present circumstances, that government should be obliged to pick up the tab for any improvement to student services.

When the referendum was duly held in March 1981, however, nearly two-thirds of those voting expressed support for the proposal. Then, to the frustration of its promoters, the judicial committee of the Students' Society invalidated the referendum on a technicality. Undaunted, the Students' Athletics Council repeated its attempt in March of this year. Again the referendum question was approved by a resounding majority; and this time, despite objections from opponents of the scheme, the proposal was upheld by the judicial committee.

So, beginning this fall, each student will pay $7.50 per semester until new athletics facilities are completed. Thereafter, students while attending McGill will be billed $10 per semester for a total and limited period of ten years. Sam Kingdon, McGill's director of physical resources, estimates that this student contribution will amount to around $4 million before interest, assuming that enrolments remain stable. This is still far short of the total funds required, but, says Kingdon, "the student referendum has provided a real impetus to move ahead with the project."

When built, the new field house will double interior space for sports activity,

Graduates Club of Montreal

(a non-profit social organization for discriminating singles)

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according to Bob Dubeau, director of the department of athletics. Specifically, the facility will incorporate a 185 metre track and space for four tennis courts or four to six volley-ball courts or an indoor soccer field. Also McGill's home basketball games will be played in the field house, freeing existing gymnasia space for other purposes.

Dubeau is convinced that the new facilities will be used to maximum capacity. "McGill staff and students have become very good participants in team sports and individual activities during the past ten years," he points out. He reckons that between 2,500 to 3,000 people use the Arthur Currie Gymnasium on an average day during the academic year – and that is placing an intolerable strain on current space and equipment. When the field house opens, Dubeau expects that the department will be able to offer many more instructional courses to meet popular demand. He also predicts that the indoor track will be well-populated with joggers. ("We'll have to use red lights to stop them bumping into each other," he quipped.)

Before all this can come to pass, the university still has to raise funds to match the student contribution. But the portents are hopeful. Principal David Johnston – an enthusiastic supporter of new athletics facilities – has commented that the student initiative "will have an impressive impact on those responsible for making recommendations to the board (of governors) on development priorities and on the board itself." Already a feasibility study has been completed by an architectural firm, and the project is being considered by the appropriate university committees before final consideration by the board of governors.

If nothing else, the student effort has given a resounding, and highly practical, retort to those who stigmatise today's undergraduates as apathetic and self-interested. In the words of Bob Dubeau, "The student initiative has been really tremendous for the morale of the university."

John Sainsbury□

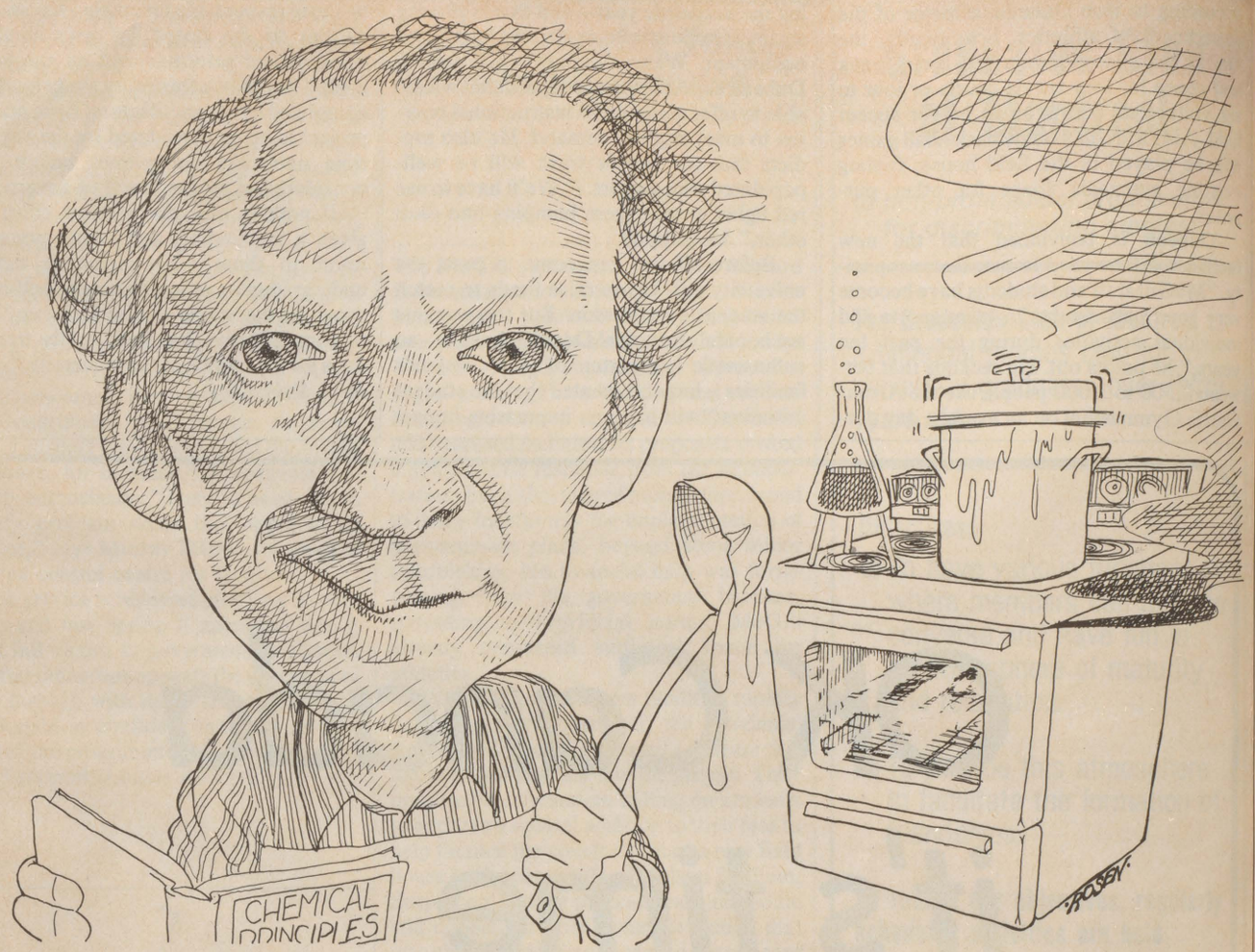
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to pull up
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David Rosen

The chemistry of cooking

Associate professor of chemistry Arthur Grosser has a laboratory in his own home – though it's not filled with pipettes and bunsen burners. His domestic laboratory is his kitchen, and the instruments of his research are everyday cooking utensils.

A New Yorker by birth who came to teach at McGill in 1965, the genial Grosser has maintained a passion for cooking since his days as a bachelor gourmet; but the scientist in him wouldn't rest content until he had probed the whys and wherefores of the recipes that he gleaned from cookery books. "Why is a wooden spoon demanded in one recipe and a metal dish in another?" he asked himself. "And why is it recommended to add a dash of salt to water when boiling eggs? Or why should cabbage be cooked quickly, and egg whites carefully separated from the yolks when you make a soufflé?"

His efforts to answer these questions and many other culinary conundrums have found expression in a highly original publication: *The Cook Book Decoder, or Culinary Alchemy Explained* (Beaufort Books, 1981). Grosser hopes that the book, which is selling well in its third printing, will provide its readers with "a framework for thinking about and modifying recipes with self-confidence, based on the sound, scientific reasoning that underlies them.

"The book must have undergone at least twenty revisions before I got it right," says Grosser. "It was tricky because I was told that the public has a fear of anything scientific, and I had to make sure that the prose wouldn't stop people in their tracks. It was called a cook book to hide the fact that it was about popular science. But it isn't really a cook book. Sure it has recipes (over 120 of them) but it's a book about food chemistry."

Grosser has promoted *The Decoder* through televised kitchen demonstrations across North America; but though now an accomplished media performer, he admits to trepidation about displaying his culinary know-how before studio audiences. "It's like being thrown into a den of lions," he says. "The programme is live. They throw me on the set and tell everyone I'm about to do a demonstration with hot water. And I'm desperately trying to find out how to turn on the stove."

Grosser's acting prowess and his ability to instil the practical application of scientific concepts have proven to be great assets in the classroom. The most effective teachers, he believes, are those who project themselves, draw their students in, and hold their attention. And to help students grasp the concrete implications of chemical theories, he co-authored a textbook with colleague, Professor Ian Butler, entitled *Relevant Problems.* The book – currently used in first-year chemistry courses at McGill – poses everyday problems of various kinds and provides detailed step-by-step solutions.

The love of cuisine is never far from Grosser's mind, though, even in the classroom, and he is currently working on a proposal for a three credit course entitled, "The Chemistry of Cooking." Slated for September 1983, the course would be open to all undergraduates, regardless of their chemistry background.

During the winter season – when he is not cooking, writing, or teaching – Grosser likes to indulge a passion for skiing. He has written wittily on that subject, though so far he has not announced plans for a book on the chemistry of winter sports. But, given the professor's ability to wed scientific theory with life's joyous practices, such a venture cannot be entirely discounted.

N. Lyn Martin□

Mission to Poland

by John Hallward



Vivian Kellner

To find oneself unshaven and clad in scruffy shoes and dirty blue jeans while standing in the sanctuary of a church in Katowice, Poland, where a bishop is asking us to address a huge crowd of godparents and families gathered to celebrate the confirmation of over five hundred youngsters, is an unexpected experience not soon to be forgotten. And it was this same quality of unexpectedness that characterised the whole adventure from start to finish.

It all began with a simple thought. In November last year as the constitutional debate raged and new provisions of Bill 101 came into force, relations between English- and French-speaking Québecers grew increasingly tense. Why not, I asked myself one day, get French and English working together to do something for somebody else? As a by-product they just might find they had more in common than they realised.

The needs of the Polish people were foremost in



John Hallward and Father André Desroches stand in front of the truck that helped them accomplish their mission.

the minds of many as we read of the coming winter of hardships they faced and of the struggle they waged with nothing more than courage and faith to assert their claim to a measure of freedom, however modest. An admiration for Pope John Paul II and a desire to do something for the people of his homeland, led me to ask some practical questions. What about getting English and French Montrealers to work together to send a shipment of aid to Poland? And since the church in Poland might be in the best position to distribute help to those most in need, what about collecting through the church here and sending to the church there?

The idea was taken up by two Montreal cathedrals – the Roman Catholic and largely French-speaking Marie Reine du Monde and the Anglican and English-speaking Christ Church Cathedral. A joint committee from these two churches met in early December and agreed to collect funds and explore how to use them. A few contributions began to trickle in, a benefit concert was organized, and enthusiasm grew – then martial law was declared in Poland. Now no one knew how or when it might be possible to send anything to anyone. Even Polish Canadian friends who for many months had been working to collect money to send to their homeland were at a loss to know how best to proceed. Time was ticking away. Christmas passed. In late January, a benefit concert by Marek Jablonski, the celebrated pianist, packed Christ Church Cathedral and brought in several thousand dollars more.

In early February the press reported that the Roman Catholic primate of Poland, Archbishop Jozef Glemp, was visiting Rome for several days. There was the man who would know what could be done. Much to our relief he spoke French. Hastily it was agreed that if someone could leave at once, he might be able to meet with the archbishop before his return to Warsaw. And so on six hours notice, I flew to Rome.

Getting together with the archbishop proved to be an adventure all of its own. Each telephone call to his secretary resulted in successive requests to call again later. By the end of the day, I began to wonder whether the flight from Montreal had been in vain. Around 8:00 P.M., I ventured out of my hotel for a look at the building whose address I had been given. Much like any other solid stone, Roman edifice, it bore no inscription or plaque. Nor were there any people near the entrance.

As I turned to head back to the hotel, the door opened. Three priests emerged. They looked at me quizzically as if to ask, "Who are you and what do you want?" I announced in French that I was looking for the archbishop's secretary. One of the three, pointing at himself, said "C'est moi." I breathed a large sigh of relief.

The archbishop, it was explained, was with the pope that evening, but if I returned next morning at 8:30 there was a good chance of seeing him. Arriving promptly at the hour suggested, I found reporters, photographers, priests, and a number of Poles anxiously milling about. Just over two and a half hours later the last of those waiting to see the archbishop had departed and my opportunity came. We talked for twenty minutes about the situation in Poland and the project we had launched.

An appointment had also been arranged for me to meet Monsignor Czeslaw Domin, auxiliary bishop of Katowice, who had been put in charge of coordinating the distribution of aid within Poland and who was in Rome with Archbishop Glemp. Our date was for 1:00 P.M. at an office near the Vatican. Since a considerable wait had preceded the meeting with the primate, I anticipated another delay. I decided to arm myself with a sandwich and cup of coffee before proceeding to the appointed place. Within two minutes of my arrival I found myself with Bishop Domin who informed me that we would shortly join others interested in getting aid to Poland, for lunch. "O ye of little faith," said I to myself as I sat down to my second meal in less than an hour. I thought of the millions of Poles who didn't see such food even once a month and renewed my determination to get our project rolling. And thanks to Bishop Domin and his aides we learned precisely how to do so.

The priority needs were margarine, lard, cooking oil, powdered milk, sugar, and powdered formula for the newborn as mothers often were not well enough nourished to feed their babies. Coffee and tea were also scarce. Meat was a luxury. Surgical supplies and medicines of every kind, including vitamins and aspirin, were badly needed. So were shoes, stockings, and underwear. Shipments had to be prepared in one kilo packages to permit quick distribution as there were no warehouses. And aid sent to the episcopal charitable commission attached to any of the seventeen dioceses would be permitted into the country. The auxiliary bishop of Katowice would be able to answer queries by telex regarding where the needs were greatest at any given time.

Armed with this information, I returned to Montreal and met with Bishop André-Marie Cimichella and Father André Disroches at Marie Reine du Monde and with Dean Ronald Shepherd and various lay people at Christ Church Cathedral. During the next fortnight Fr. Desroches and I decided independently to take personally whatever we could to Poland and deliver it rather than send it. So we set about making plans to go ourselves with what we could muster.

It sometimes takes a long time for things to happen suddenly. The next seven weeks seemed interminable. Then on April 5, after a twenty-three day wait, my Polish visa came through. It was the first day of the week of Easter. Air transportation to West Germany was booked for April 11, the evening of Easter Sunday. Offices would be closed Good Friday. So we had three days to complete arrangements.

In a series of totally unexpected developments, we were given 3,000 lbs. of cargo space on three different planes. In short order came soap, detergent, shoes, surgical sutures, bandages, coffee, tea, razor blades, a carton of clothing – almost all of them contributed – and two pairs of blue jeans,



Hallward (centre), Father André Desroches (right), and their driver check supplies after arriving in Poland.

impossible to find in Poland and given by a student friend of one of my daughters. The cargo hole was filled. And every package bore a sticker with the Canadian flag put on by our children and some neighbors who also stamped on this message in Polish: "To the people of Poland, greetings from the people of Montreal." And so we were off.

Arriving in West Germany, we spent three hectic days assembling the material from Canada and arranging to buy 32,000 kilograms of margarine and 12,000 kilograms of powdered baby formula and cereal. Three forty-foot tractor-trailers were needed for transportation. On April 15, Fr. Desroches and I set off in one of them with a German driver experienced in taking material into Poland. The trip to Katowice took twenty-six hours, four of them spent at East German border points where the contents of our truck were carefully examined.

Once in Poland, we began to see long queues outside gas stations and grocery stores. There was little to buy by Canadian standards. In a sizeable shoe store, we saw only twenty-five available pairs of shoes scattered over bare shelves. On the farms, the horse was still the basic means of locomotion. And in Warsaw not far from the taxi lineup near the station, nine or ten cabs stood empty with their lights off. They had run out of gas.

One of the scenes most sharply etched in my memory is of the mine-head near Katowice that we passed on the evening of April 16, the day we arrived. We were there on the fourth monthly vigil of the day nine miners were killed resisting the application of martial law. Today a large wooden cross stands there as a memorial. Removed by the authorities one night, it had to be returned when miners refused to work without it in place. The night we drove by, there were dozens of lighted candles around this flower-bedecked cross. And at 9:45 P.M. there were still forty people standing there silently praying.

The day before our departure we called on Archbishop Glemp. He was not optimistic about the future, but his faith was simple and real. I was reminded of what he had said when I had met him in Rome. In response to my statement that there were many Canadians praying for him and for the people of Poland who also wanted to do something more practical, he had replied without a second's hesitation, "Don't stop praying. Without prayer we can do nothing."

For me, the faith and courage of the archbishop and his countrymen are a silent rebuke to those of us in the West who live in luxury, taking freedom for granted. They are also a powerful challenge to both East and West to rethink the values that count and to act on them.

The day of our arrival when we spoke in the crowded church, Bishop Domin said afterwards: "We need food and medical aid badly, but even more we need the manifestation of the fact that people outside Poland have not forgotten us and do care." As those words echo in my mind and heart, I am keenly aware that the completion of the project was and must be not the end of anything, but only a beginning. □

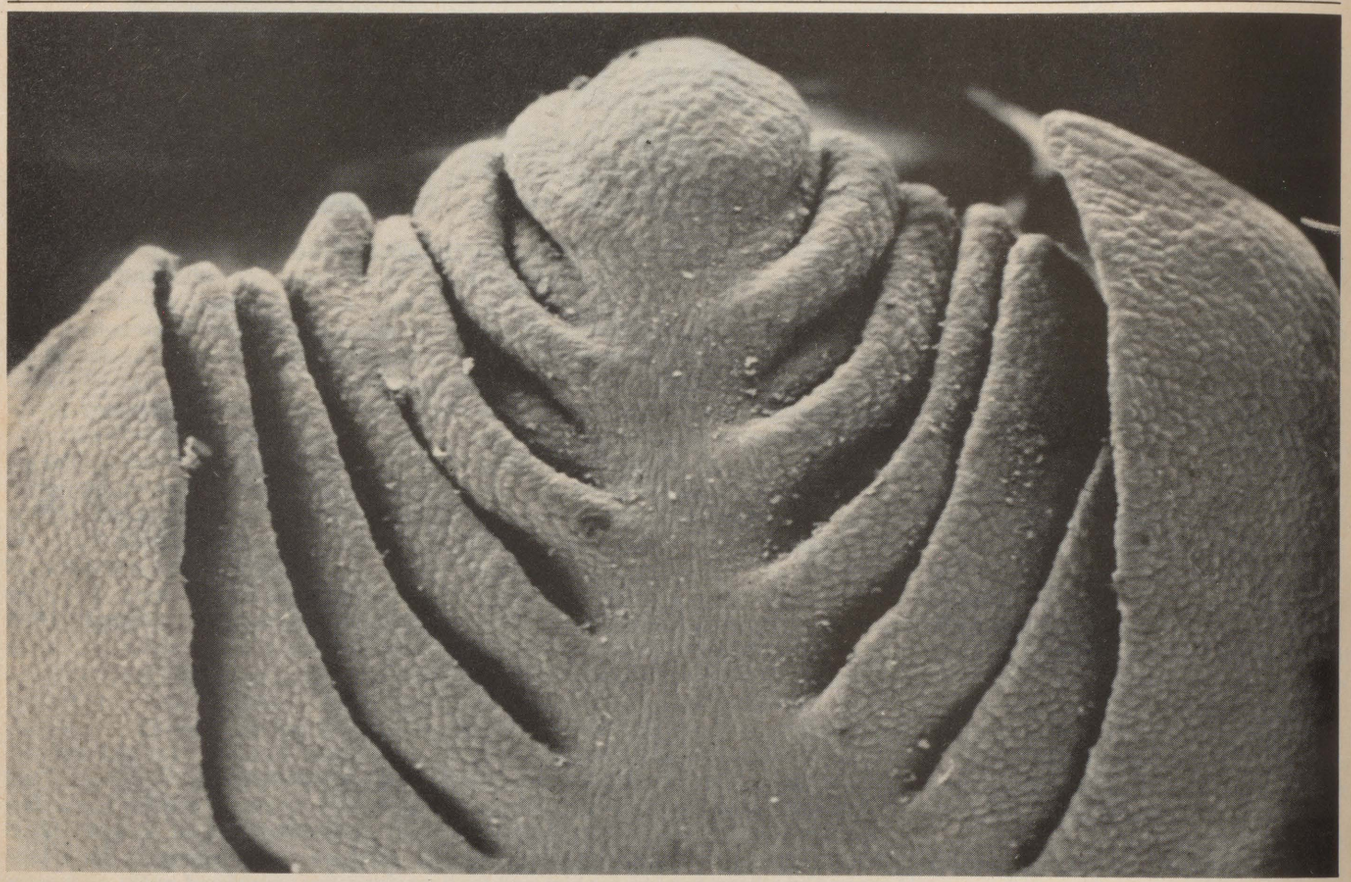
As we go to press, Mr. Hallward is busy assembling as much material as possible to be delivered to Poland in November in preparation for Christmas. In addition to cooking fats, powdered milk, and meat, the principal need is for children's shoes, both new and used. He reports that the response from Canadian manufacturers, wholesalers, and retailers as well as from hundreds of Canadian families has been very encouraging.



"Getting together with Archbishop Jozef Glemp (left) proved to be an adventure all of its own."

Dr. Rolf Sattler: Opening our perceptions of the plant

by Charlotte Hussey



Clare Cooney-Sovetts

The origin of these intermediate structures in the leaf axils of the *Semele androgyna* (a relative of the asparagus) contradicts the classical model, but can be explained by the continuum approach.

When McGill professor of biology Dr. Rolf Sattler received a letter form the Royal Society of Canada (RSC) dated April 1, 1982 that invited him to become one of its fellows, he wrote back and asked if it was an April Fool's joke. "In Germany where I come from many jokes were played on that day," he explains. "And when I was a child, my father used to send me to other people in the village to pick up something, and I would go only to find out that it was just an April joke."

But this time it was no joke. The RSC was seriously recognising Sattler's contributions to the areas of botanical morphology (the form and structure of plants), morphogenesis (the structural development of plants), and the philosophy of biology. In particular its members were acknowledging his compilation of the *Organogenesis of Flowers* - a text-atlas of floral development illustrated by means of a three-dimensional photographic technique invented by Sattler himself – that is only the second such work in the history of botany.

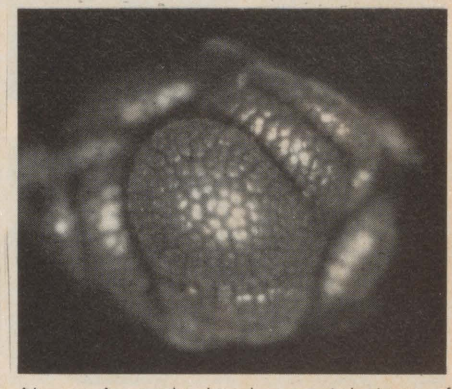
Introducing himself at the society's centennial Ottawa celebration in June, he began: "My interests may be characterised by two words: diversity and unity. In plant morphology, the discipline in which I have carried out empirical and theoretical research for over twenty years, I have been interested in the diversity of developmental patterns in flowers, shoots, and leaves." Later, during an August interview in his office overlooking the biology department's greenhouse, when Sattler pulls out a standing tray of coloured slides to show pistils and stamens unfolding from the red knobs and deeper scarlet depressions of a flower bud, one begins to understand his appreciation for the subtle diversity of floral forms and their development.

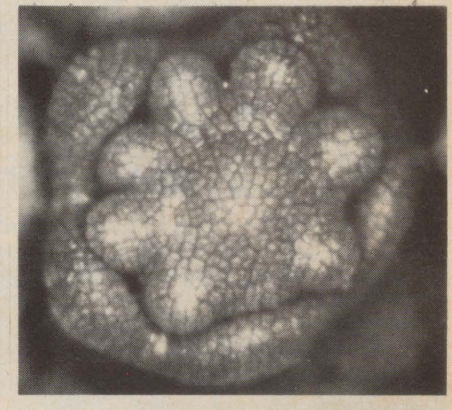
Wearing a red and gold shirt of Thai silk and round gray-rimmed glasses that blend with his clipped beard and soft lengths of hair, he launches into a well-organised explanation of his work,

Sattler wonders whether the framework of plant morphology would have been different if botany had originated in the tropics.



Harold Rosenberg





Above: An early developmental stage of the Bougainvillea flower illustrated by Sattler's three-dimensional photographic technique. Below: A top view of the shoot tip of *Rusus aculeatus*, a relative of the asparagus.

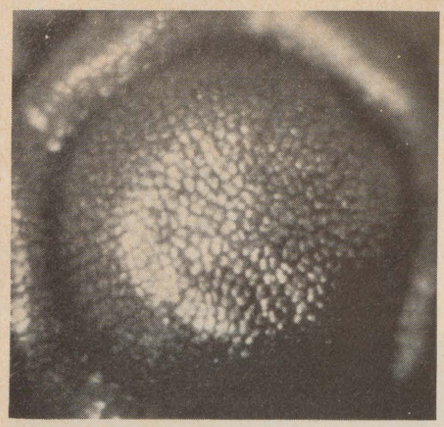
Louise Perlin

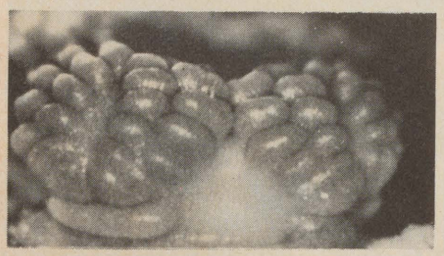
Claire Cooney-Sovetts

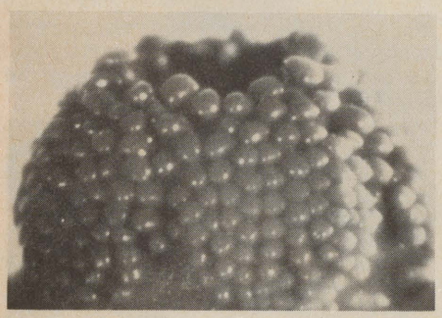
speaking in a quietly assured voice that seems propelled by a steady enthusiasm for its subject. "I've always been attracted to understanding the order that underlies diversity," he says, then laughs admitting that even as an undergraduate he sought to expose himself to divergent philosophies and points of view. Travelling from university to university in Germany, Austria, and Switzerland in search of the best lecturers, he did not limit himself to one academic discipleship. He explains: "I chose a place because of a renowned professor, then for my next choice I went to his opponent to study the opposite point of view."

Sattler originally planned to become an animal morphologist and behaviorist; but he discovered that plants were more fascinating to work with because, unlike animals, the structural development of their organs continues throughout their life. And so he completed his PhD at the University of Munich on the floral development and taxonomy of members of the *Primulaceae* (primrose family) and related tropical families. After graduating *summa cum laude* in 1961, he engaged in further research at the University of Alberta in Edmonton and the University of California in Davis, before coming to McGill in 1964.

Ever in search of an underlying sense of order that would be flexible enough to assimilate polarities and contradictions, Sattler set out to construct his own conceptual model for the interpretation of flowers and whole plants. In the 1960s he began to challenge the narrow definitions of classical morphology. With this conventional approach, the whole diversity of flowering plants is reduced to a hierarchy of three mutually exclusive categories – roots, stems (caulomes), and leaves (phyllomes) – with the positioning of these three organs rigidly prescribed. "I was led to the conviction that this was not adequate representation of nature," he says. "I began to feel that the diversity of plant structures could not be totally

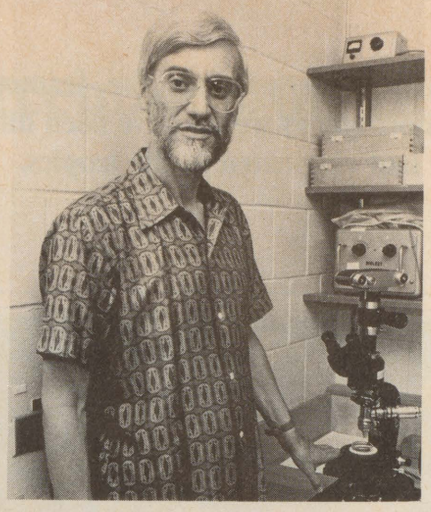






The floral apex of the hollyhock (top) develops an unusual branching tendency in the male part (middle and above) before becoming a mature flower (below).





reduced to mutually exclusive categories."

An apple, for example, is one of many floral structures that cannot be categorised in terms of the classical organs, Sattler points out, because it originates from areas transitional between stem and leaf. Asparagus is another controversial example. And hollyhocks, as well, show developmental features of the male and female parts that clash with the classical model of the flower. (The male parts exhibit a branching tendency, while the female parts have their ovules inserted on the axis instead of on the carpels as postulated by the classical model.)

Also during his many trips, especially to the Orient, Sattler found that certain non-occidental plants similarly challenged the suppositions of conventional morphology. He even began to wonder whether the conceptual framework of plant morphology would have been different if botany had originated in the tropics. "Once you go there, you realize that what you find in Europe and North America is only a very small segment of natural variation," he explains. "If you go out in our climate, you will find many plants that fit the classical categories with no problems. That is one reason that the classical model has been so widely accepted."

From this evidence collected on sabbatical trips and in the laboratory, it was becoming clear to Sattler that the classical categories were too simplistic. He then went on to propose a conceptual framework for comparative plant morphology, which may be called a continuum approach. "According to this view," he explains, "diversity of plant form is not seen as the (typological or evolutionary) modification of a few basic (irreducible) plant organs, but as changes in a continuum." Here the classical trinity of root-leaf-stem is no longer absolute. Instead these frequently recurring organs may be viewed as peaks in a continuum, joined with intermediate plant forms that contradict the classical perspective.

"My critics have pointed out that I am too concerned with exceptions that don't fit the traditional scheme," he says. "But I have tried to develop a model that is more comprehensive than this conventional scheme and that comprises the traditional model as a special case." And it is the comprehensiveness of this approach that makes it valuable not only to botanists, but to anyone who is confronted with the divisive nature of thought. As Sattler points out: "I realise that the issue of categories vs. continuum, i.e., fragmentation vs. unity, is not restricted to plant morphology, but occurs in many disciplines and, of course, in society. Hence, it is not only of academic interest. To a great extent, our health, happiness, peace, and even our survival on this planet may depend on the awareness of openness and unity in diversity."

The continuum approach has far-reaching consequences, one of which is that it reveals many controversies and the problems associated with them to be, in fact, pseudo-problems. "I've been discovering more and more intermediate forms that fall between the three categories of higher plant organs," he says. "And many of my colleagues have been debating for a hundred years or more these so-called difficult cases that in their opinion should essentially be reducible to this category or that. So they have been asking either/or questions. And the intellect can go on arguing this forever in cases where it is neither this nor that."

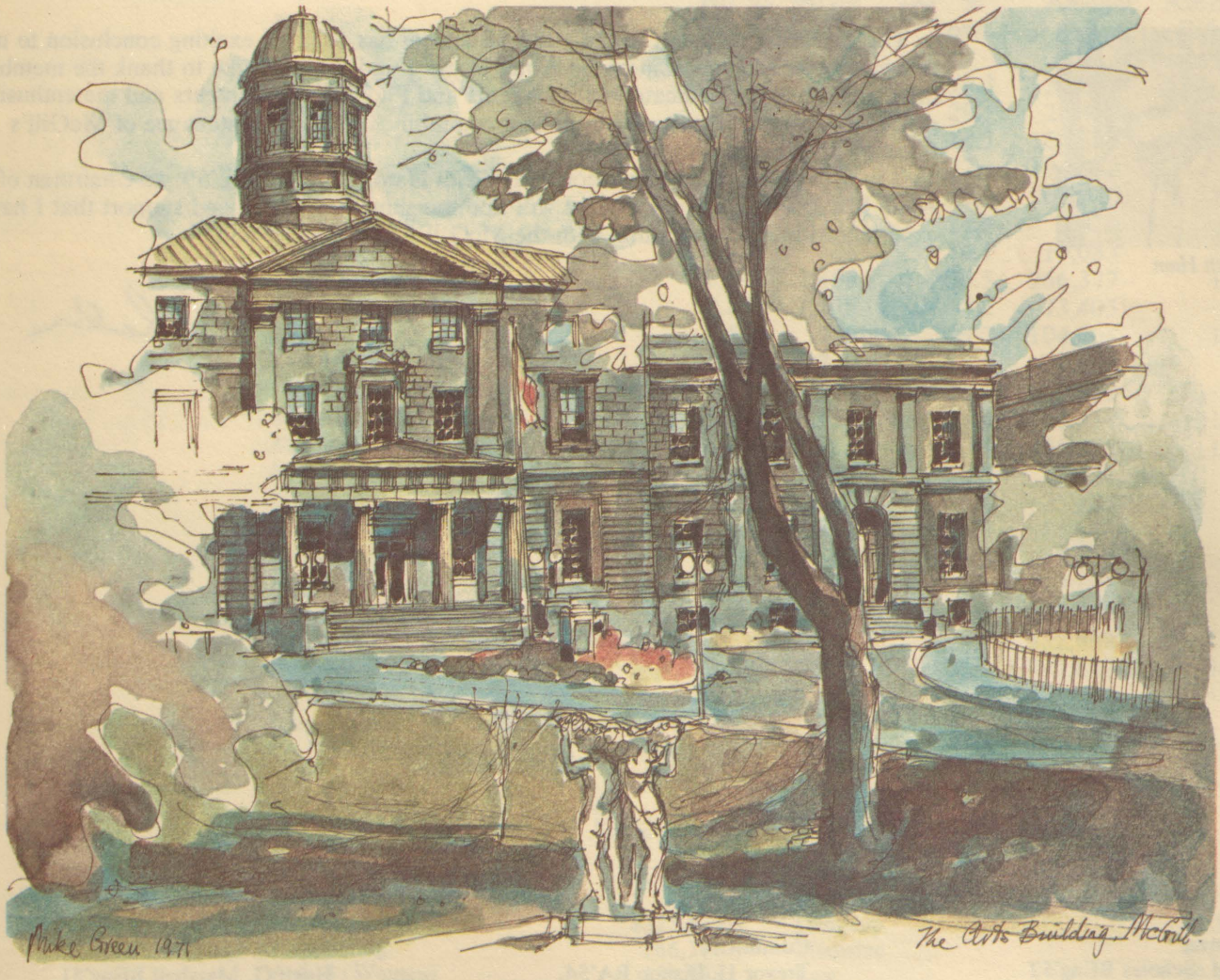
Another consequence of Sattler's continuum model is that it allows for an "openness" of forms and patterns. "From this point of view, the root is continuous with the stem; the stem is open to the leaves; and the plant as a whole is open to the environment," he explains. "And there are no absolute boundaries between environment and plant." This notion of the "openness" of plant forms could prove to be a useful metaphor in the book on the philosophy of biology that Sattler is currently writing, as well as in two of the courses he is teaching at McGill – "The Philosophy of Biology" and "Modern Biology and the Predicament of Man." In both courses he addresses a common problem – a feeling of alienation among students. "Even if we return to nature, we still perceive everything – trees, sky, and ourselves – as isolated parts, not as a whole," he says. "But there is no basis for this isolation in nature. It exists in our minds."

If there is one thing that contributes to this divisiveness of thought, Sattler would single out language itself. In his *Organogenesis of Flowers,* he relied on his own technique of three-dimensional photography as the main means of communication in the hope of compiling a purely descriptive work that would be free of the difficulties inherent in the theory-laden structures of language. For as he points out, he is in complete agreement with Hermann Hesse who wrote in his novel *Siddhartha:* "Everything that is thought and expressed in words is one-sided, only half the truth; it lacks totality, completeness, unity." □

1981-82 ANNUAL REPORT

The McGill Alma Mater Fund

The McGill Parents Association • The McGill Associates

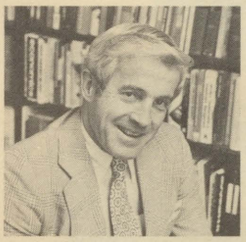


The Arts Building facade was completed 120 years ago with the addition of Molson Hall and connecting buildings.

THE McGILL ALMA MATER FUND



John M. Scholes



A. Keith Ham

As part of my final duties as Chairman of the Alma Mater Fund, I have the pleasure of reporting the tremendous success of the 1981-82 Fund year. Gifts from graduates totalled $1,895,878 compared to $1,430,261 last year. The $250,000 Challenge, offered by a McGill graduate who wished to remain anonymous, was a key to the outstanding response made to the annual appeal.

There were 1331 new donors and 53% of the contributors increased the size of their gifts compared to last year. Gifts designated for Faculty Development, Libraries, Scholarships and Student Aid, Quality of Student Life, Athletics and Special Projects continued to increase. These discretionary gifts are highly appreciated and often make the difference between adequate and excellent programing.

Memberships in the Leadership Gift Clubs increased by 44.5%. The Chancellor's Committee grew from 155 members to 234 and the Principal's Associates from 218 to 305 members this year.

The gratifying response to the 1981-82 appeal has been an exciting conclusion to my two-year term as Chairman of the Alma Mater Fund. I would like to thank the members of the Committee, the dedicated Class Agents and Phonathon volunteers and the enthusiastic graduates everywhere who have made a commitment to the maintenance of McGill's tradition of excellence.

It is with pleasure that I welcome A. Keith Ham, BA'54, BCL'59, as Chairman of the Alma Mater Fund. I know that he will find the same dedication and support that I have experienced in my association with the McGill Alma Mater Fund.

John M. Scholes

Chairman
John M. Scholes BEng'52
Vice-Chairman
A. Keith Ham BA'54, BCL'59
Past-Chairman
M. Carlyle Johnston BA'50, BCL'53

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George Brabant DDS'52
Michael T. Conway BCom'79
George D. Goodfellow BEng'36
Mitchell Greenberg BA'70
Glenn Higginbotham BCL'75, LLB'76
Claude Joubert BCom'76
John M. Little MD'61
Hugh G. Marshall BEng'51
Mrs. G.R.W. Owen BA'33
Peter B. Reid BCom'57
Miss Heather Sanderson BA'78
Frederick M. Wiegand BA'56, MD'60
Peter Woolhouse DDS'77

THE McGILL ALMA MATER FUND

The $250,000 Challenge Gift

News of the most exciting and generous Challenge Gift ever offered to a Canadian university went out to McGill graduates in mid-March and early April. Matching all new gifts, all increases over previous gifts and all second gifts up to a maximum of $250,000, the Challenge Gift caught the imagination of the graduates and friends of McGill. The response was tremendous and in less than three months, the entire Challenge was earned.

McGill is grateful to the anonymous donor whose commitment to McGill's future so successfully challenged graduates to respond with generosity and enthusiasm.

It is this kind of loyalty and dedication which makes McGill truly an exciting and vigorous university.

Faculty Report 1981-82

Faculty	No. in faculty	No. of donors	% part.	Amount $	Average Gift $
Agriculture & Food Science	3,739	723	19.3	39,695	54
Architecture	959	270	28.1	26,450	97
Arts & Science, men	11,684	2,132	18.2	180,339	84
Arts & Science, women	12,783	2,930	22.9	194,988	66
Dentistry	1,351	572	42.3	65,280	114
Diplomas	1,067	157	14.7	5,020	31
Education	3,439	488	14.1	19,083	39
Engineering	8,146	2,408	29.5	266,377	110
Graduate Studies	8,273	1,178	14.2	73,405	62
Law	2,504	746	29.7	104,405	139
Library Science	1,189	220	18.5	9,635	43
Macdonald - Others	875	104	11.8	3,588	34
Management	5,043	1,433	28.4	166,417	115
Medicine	5,159	2,089	40.5	325,673	155
Music	692	73	10.5	2,421	33
Nursing	2,151	547	25.4	23,803	43
Phys. & Occ. Ther.	1,421	365	25.6	11,168	30
Religious Studies	292	42	14.3	2,078	49
Social Work	1,335	298	22.3	17,132	57
Company Matching Gifts				25,750	
Anonymous, Widows and Friends				332,968*	
Faculty Totals	72,443	16,933	23.3	1,895,878	103

* Includes $250,000 Challenge Gift

The Fund Year Leaders by Faculty

In Dollars		**In Participation**	
Medicine	$325,673	Dentistry	42.3%
Engineering	266,377	Medicine	40.5%
A & S (Women)	194,988	Law	29.7%
A & S (Men)	180,339	Engineering	29.5%
Management	166,417	Management	28.4%
Law	104,405	Architecture	28.1%

THE McGILL ALMA MATER FUND

Regions
The top 10 areas with Graduates' Society Branches

Area	Dollars	Area	Participation
Montreal	$618,249	New Brunswick	35.0%
Toronto	170,049	Philadelphia	32.1%
Ottawa	83,418	Boston	32.0%
New York	40,179	District of Columbia	32.0%
Vancouver	40,044	Ottawa	31.6%
San Francisco	30,265	Calgary	31.0%
Calgary	27,335	Toronto	30.2%
Upper St. Lawrence	25,877	New York	29.3%
Florida	20,057	Florida	28.5%
New Brunswick	18,601	Edmonton	27.9%

Phonathons – an open line to graduates

The 1981-82 Phonathons were greeted by graduates with enthusiasm. As always they provide a personal link between graduates who wish to ask questions and volunteers who are able to elaborate on McGill's needs for private support.

The success of Phonathons depends on many volunteers and supporters of McGill.

Special thanks are due to the McGill Societies of Toronto, Montreal and Ottawa for their coordinating efforts and to phonathon organizers Randy Trenholm and Tom Jellinek in New Brunswick; Tony Peccia, Ann Vroom, Marilen Gerber, Harriet Stairs, Dr. Martha Piper in Montreal; Dan Amadori in Toronto; George Winters in Ottawa; Gordon Lindsay in Vancouver; Gibson Brown in Edmonton; Ed Engstrom in Calgary; Richard Gordon in Boston and Art Coleman in New York.

Memorial Gifts

The memory of the following McGill graduates, former students and friends was honoured by memorial gifts to the Alma Mater Fund. The University extends its thanks to the families and friends who chose the McGill Alma Mater Fund as the beneficiary of these Memorial Gifts.

Mrs. E. Percy Aikman
J.L. Aikman BEng50
Allan Assh
Betty Assh
Moe Bauman
Garnet E. Bertrand BSc (PE) 53 DDS58
Mrs. Jack W. Bigham (Audrey Crouse) BN72
Professor Dalbir Bindra
Edward T. Bourke DDS23
Gregory N. Bradfield
A. Sydney Bruneau QC BA13, BCL17 and Mrs. Bruneau (Ruth Dawson) BA17
C.F. Carsley BA35
T. Brian Catterill BSc52, MD54
The Hon. Chief Justice George S. Challies BA31, MA33, BCL35, MCL47
Herbert E. Chaplin BEng34
Professor Victor Fangor
Allan J. Fleming MD32
Terry Fox
Mrs. William M. Fraser
James A. Gillians BCom48
Arthur W. Gilmour BCom33
Lorenzo Giovando MD30
Archibald R. Graham BSA23, MSc (Agr) 26
Alec P. Grigg QC, BA16, BCL20
Morris J. Groper MD30
Stanley B. Hardacker BSc (Agr) 48
Mrs. J. Peter Harling (Heather Roy) BSc55
Randolph H. Headley BSC50, DDS56
John S. Heslop
Laurence Hooker DDS28
Basil C. MacLean MD26, LLD62
Rev. Hugh MacPhail BA25 Dip. SW38
Rev. Roderick A. McRae BA20
Professor Bertha Meyer BA20, MA21
Elizabeth C. Monk QC BA19, BCL23, LLD75
Frederick D. Mott MD32
A. Deane Nesbitt BEng33
E. Louis Papamanolis
William F.W. Pratt BA21, BCL24
Roderick F. Robertson PhD55
Tal Salman BEng43, MEng44
R. Gerard Sampson Law35
Richard Shuman MD41
Mrs. Saul Silverman (Isabel Sommer) BA25
John Smith BEng47
Professor Jules W. Stachiewicz BEng48, MEng50
Paolo Strisino
Robert L. Trerice BSc49
Ernest F. Viberg BSc29

A member of the class of Commerce'32 made a special gift in memory of these 26 classmates:

Eric F. Allison, G. Maxwell Bell, James F. Clark, William Clayman, Stuart A. Cobbett, Abraham D. Cohen, Gibson E. Craig, Philip T. Davis, John G. Dodd, Bertram J. Freedman, Harry J. Halperin, Bruce A. Hanbury, Gerrard J. Jackman, Samuel A. Kronick, Thomas A.K. Langstaff, William C. MacIntyre, Hugh R. McCuaig, Francis M. Mitchell, Lindsay G. Morris, John T. Scarlett, Harold Shaffer, John F.R. Shallcross, G. Arnold Sharp, Alfred R. Tucker, A.M. Warhaft, Pierre C.A. Weissenburger.

THE McGILL ALMA MATER FUND

Top Leadership Clubs

The Chancellor's Committee

This group of distinguished supporters represents the highest level of annual giving to McGill University. The graduates, parents and friends, through major gifts of $1,000 or more to McGill, indicate their commitment to the ideals of the University and their awareness of its needs.

Membership in the Chancellor's Committee rose substantially in 1981-82 from 155 to 234 members. Gifts totalled $729,680, including those given anonymously.

An annual black tie dinner, hosted by the Chancellor of the University, is an expression of the University's appreciation of its leadership donors. The most significant reward of membership in The Chancellor's Committee is the satisfaction that comes from supporting an institution giving valued and distinguished higher education.

Principal's Associates

The continuing vitality and strength of McGill are dependent upon its base of committed graduates, parents and friends. The Principal's Associates are a group of special supporters who donate gifts from $500 to $999 to McGill.

The membership of the Principal's Associates increased from 218 to 305 in 1981-82. Gifts totalled $180,875, including those given anonymously.

An annual reception, hosted by the Principal, is held to express the gratitude of the University for the dedication and commitment of this group of supporters.

A Tribute to Max Boulton – Class Agent, Law'33

The nearly $2 million given by McGill graduates in the year 1981-82 is most significant and essential to the University. The Alma Mater Fund is, however, much more than this. From the habit of annual giving come other important benefits to the University – benefits such as generous bequests from graduates and friends.

We were all saddened during the past year by the death of A. Maxwell Boulton, Q.C., BA'30, BCL'33, of the Montreal law firm Lafleur, Brown, de Grandpré. Max Boulton loved McGill University and served as Class Agent for 30 years. He rarely missed a Class Agent reception, dinner or any other McGill function to which he was invited. He was personally a generous annual supporter of the Alma Mater Fund and a member of the Chancellor's Committee.

Max Boulton left the residue of his estate to McGill and this legacy of more than $500,000.00 will be used by the Faculty of Law to establish a fund bearing his name to finance the appointment of teaching fellows and visiting professors to the faculty.

I was associated with Max Boulton in law and knew him to be a good friend to McGill. We shall miss his enthusiasm for his Alma Mater but his name will be perpetuated in the Faculty of Law.

A Keith Ham

A Keith Ham, BA'54, BCL'59

THE McGILL ALMA MATER FUND

Designated Giving

Graduates are increasingly taking advantage of the five areas of specific designation within the Alma Mater Fund to lend their support to an area of special interest. Details of the 1981-82 Alma Mater Fund designated giving are outlined below.

Faculty Development

Architecture	$ 11,065
Arts	37,333
Continuing Education	2,223
Dentistry	30,533
Religious Studies	2,359
Education	8,722
Engineering	96,222
Graduate Studies & Research	18,007
Law	26,298
Library Science	1,332
Macdonald College	26,485
Management	37,997
Medicine	91,650
Music	2,522
Nursing	19,970
P. & O.T.	7,380
Social Work	13,728
Science	31,259
Total	$464,088

Libraries

Alma Mater Library Fund	$ 92,573
Parents Library Fund	56,302
Total designated	$148,875

Scholarships and Student Aid

Alma Mater Scholarships, Fellowships, Bursary and Loan Fund total designated	$113,433

Quality of Student Life

Total designated	$11,258

Athletics

Total designated	$21,530

New Student Funds

In March 1982, the University Scholarships Committee established three new funds based on the generous contributions to the Alma Mater Fund from the many graduates who designated their gifts to the area of Scholarships and Student Aid.

Commencing in the academic year 1982-83, the new funds will award undergraduate entrance scholarships of $2500 each, graduate fellowships of $7000 each and loans and bursaries from the balance of the designated gifts.

It is intended that distribution will be discussed each year by the Chairman of the University Scholarships Committee, the Associate Dean (Fellowships) and the Director of the Student Aid Office in consultation with the Development Office.

The above Funds are in addition to the Friends of McGill University Inc. Fellowships and the Friends of McGill University Inc. Student Fund.

THE McGILL PARENTS ASSOCIATION



Lynn and John Walker
Co-Chairmen

Once again it is our pleasure to report on another record year for the McGill Parents Fund. Gifts totalling $65,976.00 were received from 1406 non-alumni parents. Although the number of donors is slightly less than the previous year, the dollar total compares very favourably with last year's total of $52,733.00. Of this total, $56,302.00 was unrestricted and has been transferred to the office of the Director of Libraries to benefit the overall library system of the University. In addition, $2,700.00 was designated to specific libraries and the balance to the Athletics Department to benefit certain teams of specific interest to parents. We were particularly grateful for the fine support given by parents to the hockey team on the occasion of the celebration of 100 years of hockey at McGill.

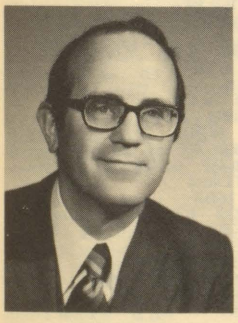
The Parents Hospitality Program, sponsored by the McGill Parents Association in cooperation with the McGill Graduates' Society and the office of the Dean of Students, once again was a great success. There were 17 receptions from mid-August to early September during which parents, mostly from out of town, were able to meet various McGill staff members dealing with housing, student aid, residences, health and the spiritual well-being of McGill students.

May we, in conclusion, welcome two new couples to the McGill Parents Association committee: Mr. & Mrs. John H. Hickman III from Geneseo, N.Y. and Mr. & Mrs. Robert Traquair of London, England. We are grateful for the continued moral and financial support that committee members have given us throughout the year.

Lynn + John Walker

Co-Chairmen: Mr. & Mrs. John M. Walker, Montreal, Que. ● **Honorary Chairman:** H. Clifford Hatch, Walkerville, Ont. ● Past Co-Chairmen: Ambassador & Mrs. Bruce Rankin, Aurora, Ont. ● **Committee:** Mr. & Mrs. E. Michael Cadmus, Nassau, Bahamas ● M. & Mme. Marcel Casavant, Montreal, Que. ● Mr. & Mrs. John Hampton Hickman III, Geneseo, New York ● Mr. George Horowitz, New York City, N.Y. ● Mr. & Mrs. Ernest E. Monrad, Boston, Mass. ● Dr. & Mrs. Edward H. Simmons, Don Mills, Ont. ● Mr. & Mrs. Mandel E. Slater, Boston, Mass. ● Mr. & Mrs. Hedley A. Smith, Halifax, N.S. ● Mr. & Mrs. Robert S. Traquair, London, England ● Dr. & Mrs. Roderick Turner, Los Angeles, Cal. ● Dr. & Mrs. James A.S. Wilson, Montreal, Que.

THE McGILL ASSOCIATES



J.M.G. Scott
Chairman

The McGill Associates is probably the oldest university Annual Giving Program in Canada. It was formed in 1939 by a group of Montreal businessmen, some of whom were graduates and others not. In 1948, the graduates formed their own annual fund, The McGill Alma Mater Fund, and since that time the Associates has consisted of members of the business and professional community of Montreal who recognize the importance of McGill University to this community.

Members of the McGill Associates are given the same privileges as McGill graduates. They are entitled to join the McGill library system, the McGill Faculty Club and the gymnasium. Each year we keep our members informed of other happenings at the University.

During the 1981-82 Fund year, 261 members contributed $23,273.00. Of this amount $20,700.00 was unrestricted and will shortly be allocated by the committee to various areas of the University. This past year, the McGill Associates made grants to the Faculties of Education, Music and Management, the McGill Rowing Club, the Physical Sciences and Engineering Area Library and The Student Conference on Federal-Provincial Changes.

Our annual Spring Dinner once again was a complete sellout and a new member of our executive, David M. Lank, gave an excellent illustrated address on South America.

During the 1981-82 year, we regretfully accepted resignations from the committee from Fred Burbidge, Roger Neron and Steven Owen. As well as welcoming David Lank as a new member, we also welcomed Robert W. Harrison and J. Stuart Spalding.

This year concludes my two-year term as Chairman of the McGill Associates. It has been an exciting and I feel successful term. I appreciate the assistance given to me by committee members and wish my successor, Don Wells, good luck for the future.

J. M. G. Scott

Chairman: J.M.G. Scott, Vice-Chairman of Wood Gundy Limitée ● **Vice-Chairman:** Donald S. Wells, Vice-President of the Royal Bank of Canada ● **Committee:** William Alexander, Vice-President & General Manager of the Toronto Dominion Bank - Quebec Division ● Aldo Baumgartner, President of Hoffmann-LaRoche Limited ● Frederick S. Burbidge, President of Canadian Pacific Limited ● Melvyn Dobrin, Chairman of Steinbergs Limited ● Lynn Goth, Vice-President & Director of A.E. Ames & Company Limited ● Philip E. Johnston, Vice-President of The Royal Trust Company ● F.R. Kearns, President of Canadair Limited ● Ralph S. Leavitt, President of Canada New Zealand Casings Limited ● John Lynch-Staunton, President of John de Kuyper & Son (Canada) Limited ● Maurice Massé, President of Maurice Massé Inc. ● Roger Neron, President of Culinar Inc. ● Steven F. Owen, Partner of Richardson du Canada ● John J. Peacock, Treasurer of Fednav Limited ● Jane Polud, President of Agradex International Inc. ● David Torrey, Vice-Chairman of Pitfield MacKay Ross Company Limited

LEADERSHIP GIFT ROLL 1981-82

The success of any fund raising program depends on two vital factors: the greatest possible number of donors and a substantial number of leadership gifts.

The following four categories of giving were created for those graduates, parents, associates and friends who find it financially possible to contribute at these levels:

Gifts of $1000 or more. Gifts between $500 and $999. Gifts between $250 and $499. Gifts between $100 and $249.

For the year ending May 31, 1982, the Leadership Gift Roll lists all individuals contributing in one of these four categories, except those requesting anonymity.

The Chancellor's Committee

This Leadership Club recognizes donors of gifts of $1,000 or more. Gifts from The Chancellor's Committee totalled $729,680, including gifts given anonymously.

ARNOLD AARON
WILLIAM R G ABBOTT B COM68
SAUL ABRACEN
LESTER R ADILMAN B COM50
JOSEPH AIN B ENG39
CHARLES S ALEXANDER B A52 B C L59
MRS CHARLES S ALEXANDER B A58
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HAROLD F BIEWALD D D S55
LOUIS BIRO M D52
H LLOYD BLACHFORD B SC(ENG)18
HELMUT BLUME
ETTA KAFER BOOTHROYD
MRS EDWARD T BOURKE B SC(ARTS)23
R DAVID BOURKE B ARCH54
HUGH M BROCK B SC(ENG)28
C R BRONFMAN
GERALD BRONFMAN B COM35
ROBERT S BROUGHTON P H D72
G STEWART BROWN
MRS FREDERICK BUECHNER B A54
ERWIN L BURKE M D55
E M CADMUS
JOAO P R CAMPOS B A70
E BOWER CARTY B COM39
ALLAN V CASTLEDINE B COM48
WARREN CHIPPINDALE B COM49
SHELDON M CLAMAN D D S57
BROCK F CLARKE B C L42
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MRS FREDERIC B COPPIN B A37
GORDON A COPPING M D30
HAROLD CORRIGAN B COM50
H ROY CRABTREE B SC38
DAVID CULVER B SC47
GEORGE N M CURRIE B ENG51
RICHARD G DAMIANO D D S60
MRS EDGAR DAVIDSON B A33
H WEIR DAVIS B A28 B C L31
HUGH P DAVIS M D27
L PACIFIQUE DESJARDINS B ENG54
S H DOBELL COM22
DAVID G DORION B COM54
DEREK A DRUMMOND B ARCH62
CHIPMAN H DRURY B ENG39
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LOUIS ENDMAN B COM51
WILLIAM E EVENS B COM35
MOHAMMED A FARIS B ENG59 M ENG62
ANGELO J FAVRETTO B ARCH47
JANET L FINLAYSON B SC(H EC)59 B L S65
JOHN P FISHER B ENG51
PHILIP S FISHER B A16 L L D64
MRS MARGARET FLEWIN B A31
GEORGE E FLOWER B A40 M A49
A SCOTT FRASER B COM51
SAMUEL O FREEDMAN B SC49 M D53
R J A FRICKER B ENG40
D LORNE GALES B C L35 L L D79
JOHN M GARDNER B ENG49
JOHN M F GAREAU B SC52
LEVON K GARRON M D36
MENARD M GERTLER M D43 B SC46
A R GILLESPIE B COM30
DANIEL L GOLD B COM59
GEORGE D GOODFELLOW B ENG36
MARGARET E B GOSSE B A24 M D28
MRS HENRY W GREENBERG B A31
G ARTHUR GRIER B A26
TASS G GRIVAKES B A54 B C L57
MRS HUGH G HALLWARD B SC52
A KEITH HAM B A54 B C L59
P D P HAMILTON B SC(ENG)22
MRS P D P HAMILTON B A22
R M P HAMILTON B SC(ENG)25
CEDRIC H BERESFORD HANDS B C L29
W G HANSON B SC(ENG)10
DAVID M HARVEY M D55
GERALD G HATCH B ENG44
MRS GERALD G HATCH B ARCH46
H CLIFFORD HATCH
ISABELLE F HIGGINSON B COM24
MARGARET C HIGGINSON B SC(ARTS)26
CHEE KONG HO D D S77
EDWARD P HOOVER B A25
W DAVID HOPPER B SC(AGR)50
G MILLER HYDE B A26 B C L29
JOHN G IRELAND B A48
CARL H JACKSON B SC(ENG)21
WM F JAMES M SC21
RICHARD B JAMIESON M D42
ALICE E JOHANNSEN B SC34
RALPH M JOHNSON B ENG49
M CARLYLE JOHNSTON B A50 B C L53
FRANK A KAY D D S68
JOHN KAZUTOW M D36
PATRICK J KEENAN B COM54 C A57
PAUL B KELLY M D61
TAYLOR J KENNEDY B ENG38 M ENG39
MOHANDAS M KINI P H D60
JOHN G KIRKPATRICK B SC39 B C L42
SAMUEL B LABOW B SC58 M D62
AURELE LACROIX
WENDELL H LAIDLEY B ENG62
YU-MING LAM B SC68 D D S72
PETER LANDRY B ENG48 M SC62
MRS PETER LANDRY B A50
MRS W G LEACH B A46
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EARL LERNER D D S63
E A LESLIE B SC(ENG)16 L L D61
*A L LOCKWOOD M D10
ROBERT LOVEDDAY
JOSEPH A MACDONALD B A71
ROBERT E MACFARLANE M D61
A ROY MACLAREN B SC(ENG)23
LORNE MACLEAN B A27 M D32
LOUIS B MAGIL B ARCH36
A IAN MATHESON B COM32
MRS MAIRI MATHESON
GEORGE RONALD MCCALL B SC(ARTS)21 M D39
CHARLES A MCCRAE B COM50
LAWRENCE G MCDOUGALL B A39 B C L42
FRANK R MCGREGOR M D30
MAURICE MCGREGOR
ANSON C MCKIM B COM24 B A27
MRS ANSON MCKIM
D ROSS MCMASTER B A30 B C L33
ELIZABETH B MCNAB B A41
A H MENDEL B ENG44
S LEON MENDELSOHN B C L24
ROBERT D MIDGLEY M D60
MRS H A MILNE B A32
DAVID H MOLSON B ARCH52
ROBERT N MORRISON B ENG53
DONALD D MOSSMAN B SC(ARTS)23
ARTHUR E MUKOMELA M D57
DAVID B PALL B SC36 P H D39
KENNETH B PARROTT B SC53 M D55
CHARLES H PETERS B A28 L L D74
MRS H J L PETERSSON B A41
LAZARUS PHILLIPS B C L18 L L D65
CHARLES HUGH PIGOT B SC(ENG)26
JANE M POLUD
RICHARD W POUND B COM62 B C L67
ALFRED POWIS B COM51
WILLIAM M PRUDHAM B A23 B SC(ENG)25
JAMES B REDPATH B SC(ENG)31
ROBERT M RENNIE B COM48
MRS MICHAEL RIDDELL B COM61
RONALD T RILEY B ENG56
W GORDON ROBERTS B COM32
H ROCKE ROBERTSON CC B SC32 M D36
KATHLEEN ROBINSON M D45
MRS ANDRE ROSSINGER M S W51
WILLIAM S ROW B SC(ENG)27
LAURA ROWLES B A25 P H D28
W ROWLES M SC26 P H D28
AUGUSTIN ROY
NATHAN W RUBIN M D27
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MRS MARGUERITE SAMPSON
MRS ARTHUR J SANTRY JR B SC47
JOHN M SCHOLES B ENG52
J M G SCOTT
CHARLES R SCRIVER B A51 M D55
JAMES M SHEA M D61
E DAVID SHERMAN M D32
GEORGE A SIMPSON M D30
CHARLES E SMITH D D S70 P H D75
S W SMITH M D40
MRS MORRIS SOLOMON B A45
KENNETH E SORENSEN B ENG52
W W SOUTHAM B SC(ENG)30
JOHN C STARR B ENG38
ELIZABETH A STEFFEN M D45
H ARNOLD STEINBERG B COM54
MRS H ARNOLD STEINBERG B A55 P H D61
ROBERT W STEVENSON B A49 B D61
E P TAYLOR B SC(ENG)22 L L D77
ROY E TENNEY M D19
WILLIAM A TETLEY B A48
ROBERT C THOM B SC53 M D55
A LLOYD THOMPSON P H D43
CHARLES A THOMPSON M D38
EDWARD L THOMPSON B COM48
MRS JOHN A TOLHURST B A33 M A34
LAURENCE C TOMBS B A24 M A26
ROBERT VOGEL M A54 P H D59
I J WAINER B A24
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ROLAND G WARE M D58
H DRAPER WARREN M D37
ROGER W WARREN COM55
ELIZABETH F WATSON DIP NUR56
COLIN W WEBSTER B A24
LORNE C WEBSTER B ENG50
GEORGE W WESTON B COM51
KEN WHITTINGHAM
WILLIAM P WILDER B COM46
THEODORE WILDI B ENG44
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WILLIAM E WILSON M D53 M SC57
J CLEMENT YOUNG M D36

The Principal's Associates

This Leadership Club recognizes donors of gifts between $500 and $999. Gifts from The Principal's Associates totalled $180,875, including gifts given anonymously.

MRS SAMUEL T ADAMS B A39
JAMES M ALEXANDER M D34
BERNARD M ALEXANDOR B A28 B C L31
CLIVE V ALLEN B A56 B C L59
GEORGE A ALLISON B A37 B C L40
LLOYD B ALMOND B SC(ENG)26
JOHN D ANDREW B COM49
DAVID H APPEL B A62 B C L66
FRANCIS M ARCHIBALD B SC(ENG)23
EFFIE C ASTBURY B A38 B L S39
LOUIS A AUBE M D43
DOUGLAS AVRITH B A75
DAVID M BALTZAN M D20
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FRED W BARTON M D48
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PAUL BEDOUKIAN B ENG36 P H D41
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BRENDA L BIRKIN B SC67 M D71
G DRUMMOND BIRKS B COM40
ELDON P BLACK B C L49
HERBERT BLADES P H D50
ETHEL BLOCK B A16
DAVID BLOOM B ENG35
JOHN BLUNDELL
E ROGER BOOTHROYD M SC40 P H D43
DOUGLAS T BOURKE B ENG49
MRS DOUGLAS T BOURKE B A49
HARRY M BOYCE B COM30
SHIRLEY A BRADFORD B COM41
MARTIN A BRADLEY L L M62
FREDERICK W BRADSHAW B SC(ENG)25
DONALD D BRENNAN B ENG61 DIP MGMT70
WILLIAM G BRISSENDEN B ENG37 M ENG38
JEAN BRISSET B C L35
EDWIN J BROWN M D48
RICHARD D BRUNNING M D59
G COLIN BUCHAN M D58
ARTHUR G CAMPBELL B A38
RAYMOND CARON B A28 B C L31
ALISTAIR G CATTERSON B SC52 M D56
KIRTI K CHARAN P H D70
MRS STELLA CHARLESON B SC63
SHAM L CHELLARAM B COM68
ROGER CHENG B ENG38
JOSEPH B CHERRY B SC42 M D43
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WALLACE P CHIU B ARCH59
STANLEY G CHRISTIE B SC49 M D53
ROSS T CLARKSON B C L48 L L D67
EDWARD G CLEATHER B A51
C ALEC L CLOKIE D D S58
JOHN F CLOSE B COM33
J N COLE
DORIS NUNES COLLINS M D44 M SC49
DAVID L COLLINS M D54
F T COLLINS B C L24
R VERNON COLPITTS M D44
H A COTNAM B COM25 C A26
V PAUL CUMMINGS M D31
A JEAN DE GRANDPRE B C L43 L L D81
J A DE LALANNE B A19 L L D80
GUY R DECARIE B ENG48
GEORGE DEGNAN M D39
GILBERT G DESNOYERS B ENG55
DONALD J DEWAR P H D40
J A DIXON B SC48
JOHN W DODDS B SC43 P H D49
MARGARET RUTH DODDS B A32 M A34
DONALD G DOEHRING
C M DRURY B C L36
ROBERT L DUBEAU
CLAUDE A DUCKETT B ENG55
C ALEX DUFF B SC37
RUSSELL A DUNN B ENG38
TIMOTHY H DUNN B COM40
A DOUGLAS ELLIOTT B ENG51
JOHN D FAFALIOS B ENG51
ROBERT W FAITH B A53 D D S58
JEAN H FAUROT M A40
JOHN B FELTNER M D37
BERNARD J FINESTONE B COM41
MRS D ARCHIBALD FINLAYSON B H S35
DONALD G FINLAYSON B C L52
J GERALD FITZPATRICK B SC44
MRS ALLAN J FLEMING
BARRY D FLETCHER M D61
ROBERT FLOOD B SC(AGR)35
R ARMOUR FORSE M D47 M SC50
A NORTON FRANCIS SC39
PHILIP B FRENCH B ENG34
SAMUEL FROMSON B ENG38
STANLEY B FROST
RONALD E GALLAY B COM54
MARVIN B GAMEROFF B A53 B C L58
NAHUM GELBER B A54 B C L57
W A T GILMOUR B SC(ENG)26
JOHN H GOMERY B A53 B C L56
HAROLD M GORDON B ENG50

*Deceased

C ALLISON GRAHAM B ENG34
MICHAEL JOHN GREEN B ENG62
PHILIP N GROSS B SC(ENG)26
MRS LEA GUBIANI
ALEX D HAMILTON B ENG40
E H P HAMILTON B SC(ARTS)27
EDWARD T HARBERT B SC(ENG)23
C GORDON HARRIS B ENG50
WILBUR J HART B A34 B ARCH40
R S HAYDEN M D31
DONALD W HENRY D D S40
ROBERT W HENWOOD B ENG33
LEWIS W HERSEY B SC52
ROSS O HILL B SC46 M D48
BETSY HIRST B A70
DAVID Y HODGSON B COM48
PHILIP MICHAEL HODSMAN M D77
MRS EDWARD P HOOVER B A34
JEAN E HOWIE B SC44 DIP MGMT76
PETER W HUTCHINS B A66
MRS G MILLER HYDE
MRS NEIL B IVORY B A54
WILLIAM E JAQUES M D42
KATHLEEN R JENKINS B A26
ANTHONY H JEW M D62
A L JOHNSON M D40 M SC47
J STUART JOHNSTON B ENG40
NEIL V JOHNSTON M D61
WILFRED J JOHNSTON D D S38
DAVID PHILLIP JONES B A70
J KENDALL JONES M D56
EBERT E JUDD B A32 M D36
HARRY N KANGLES B SC46 B COM48
HAROLD J KATZIN B ARCH65
E DUDLEY KEEVER M D53
JOHN J KELLY M D53
JOHN P G KEMP B ENG48
PATRICK S KENTEBE B ENG65
ALBERT A KENWOOD B ENG49
LAWRENCE I KESSLER B ENG61
KATHERINE H KETCHUM B A24 M D31
ANDREW J KOVACS B SC66 M D68
RANALD KROLMAN B A81
LAURENCE L LACAILLADE B A65
THERESE LACROIX
HOWARD J LANG B ENG35
MRS THOMAS A K LANGSTAFF B COM34
C PHILIP LARSON JR M D58
ELIZABETH C LATHEM M D50
ROBERT E J LAYTON B ENG47
MRS ROBERT E J LAYTON B A47
JOHN M LITTLE M D61
A BRIAN LITTLE B A48 M D50
ALLAN NORMAN LITTMAN
MARVIN N LOUGHEED M D47
CLAUDE LUSSIER B C L45 M C L46
DONALD J MACCANDLISH B ENG50
ALEXANDER S MACINNES P H D41
LORN MACLAREN B SC(ENG)28
JOHN C F MACLEOD B ENG47
MAYSIE S MACSPORRAN B A27 M A30
MRS JOHN MAIER B A39 B L S39
PATRICK J MARS B COM62 M B A65
HUGH G MARSHALL B ENG51
DEREK H MATHER B COM54
MRS PETER MAYDAN B A49
HARRY MAYEROVITCH B A30 B ARCH33
WALTER J MCCARTHY B COM50
FRANK T MCDONNELL B ENG61
JOHN F MCDOUGALL M SC31
J IAN MCGIBBON B ENG51
STANLEY E MCGURK B ENG54
KENNETH G MCKAY B SC38 M SC39
GEOFFREY G MCKENZIE B COM52 C A55
J LORNE MCKEOWN B A48
EILEEN MCKYES DIP P E29
DONALD R MCROBIE B COM34
J F MEAKINS M D36
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MARVIN MEIROWITZ B A50
ROBERT M MELNIKOFF B SC54 M D58
MARTIN G MENDELSSOHN B SC65 M D69
LISE MICHAUD
GORDON J MOGENSON P H D59
G H MONTGOMERY B A33 B C L36
ROBERT H MONTGOMERY B C L35
M CEDRIC MOONEY B A32 M D36
DAVID A MURPHY M D60
F LLOYD MUSSELLS B A40 M D44
WALTER W NICHOL B A48 M D51
JOHN L NORRIS M D31
WILLIAM E NORRISH B A38 B C L42
ROBERT S O'BRIEN B A51 B C L53
JAMES S PALMER B A48
ROBERT C PATERSON B COM49
J ALLAN PERHAM B ENG38
CHARLES H PERRAULT B ENG43 M ENG46
HENRI W PERRON AGR52
LEONARD PINSKY B SC56 M D60
WARD C PITFIELD B COM48
MRS WARD C PITFIELD B A52
ISIDORE C POLLACK B A35
JOHN KEMP POOLE M D53
* WILLIAM F W PRATT B A21 B C L24
WILLIAM H PUGSLEY B COM34 P H D50
DUNBAR O C RAPIER B A50
GORDON A READ B ENG53
EVANS B REID B SC37 P H D40
MICHAEL D RENNERT B SC61 D D S63
KENNETH S RITCHIE B A32 M D36
JAMES A ROBB B A51 B C L54
MRS FRANCES M ROBINSON B A25
J A BRUCE ROBINSON B SC(P E)49 D D S53
HUGH G ROBSON B SC56 M D60
STEVEN R ROESSLER B ENG59
MERVYN A ROGERS D D S40
HARRY ROSEN D D S53
GORDON M ROSS B ENG55
JOHN ST C ROSS B ENG55
MRS WILLIAM K ROSS B A48
G MEREDITH ROUNTREE B A31 M A33
HERBERT B RUBIN B SC64 M D68
ARTHUR RUDNIKOFF
EILEEN RUSSEL B A24
LEO E RYAN B ENG32
ANTHONY F SALVATORE B ENG49
D ALAN SAMPSON M D31
JOHN WESTWOOD SANDISON
ALASTAIR G SCARTH B SC47 M D51
LINDA S SCHENCK B SC72
JOHN H SCHLOEN B ENG32
SEYMOUR SCHULICH B SC61 M B A65
DAVID G SCOTT B COM32
HENRY J SCOTT M D41 DIP MED51
HAROLD N SEGALL M D20
MRS H S SEXSMITH M S W55
HERBERT M SHAYNE B COM47
HUNTINGTON SHELDON B A51
DOUGLAS J SHELTINGA M D48
JAMES G SHETLER B A58 B C L61
KA CHUEN SHIN M D54
EDWARD J SHOIRY B C L74
DOUGLAS A SHORT B COM39
MRS RICHARD SHUMAN
J CYRIL SINNOTT M D53 M SC58
C IRVING SLACK B SC(AGR)48
L MACKAY SMITH JR
ZOE B SMITH B A15
WILLIAM C SMYTH B ENG36
MRS DOROTHY SOROS B A23
VERA L SPENCER B N51
B R STACK M ENG53
TOR OSCAR STANGELAND B A50 B C L53
JAMES P STANLEY B ENG38
HARRY STEIN B COM34
PAMELA D STEWART M A61
PATRICK MCG STOKER B ARCH51
JOSEPH STRATFORD M D47 M SC51
A SANDY TAMBOSSO D D S57
DONALD TANI
W REES TAPRELL B COM23
DAVID A TARR B A61
CYNTHIA KATHLEEN TAYLOR B A77
DONALD TAYLOR D D S66
HERBERT H TEES B A33 B C L36
MIRIAM H TEES B A44 M L S75
W MURRAY TELFORD B SC39 P H D49
F RICHARD TERROUX B SC(ARTS)25 M SC26
MRS ROBERT C THOM B L S52
ALAN G THOMPSON M D43
DANIEL H TINGLEY B C L63 B A63
GEORGE TOLIS
KATHLEEN M TOOMEY M L S67
J M TRAINOR M D55
CEDRIC E M TUOHY JR M D53
NORMAN VAN WYCK B A30 M D35
MRS ANNE VERIGIN
M LAIRD WATT B COM34
MRS L STUART WEBSTER B A38
DAVID WEINTRAUB B A27 M D31
WILLIAM H WHITE M D36
BARBARA J WHITLEY B A40
MRS WILLIAM P WILDER B A51
ARTHUR WILKINSON B ENG33
C M WILSON
HENRY E WILSON M D37
JAMES WILSON
RICHARD WILSON B COM24 L L D80
ISRAEL WINKLER B A36 M D39
EDWARD WOLSTEIN B SC(ARTS)28 M D32
LAWRENCE A WRIGHT B COM48
HARVEY YAROSKY B A55 B C L61
T KUE-HING YOUNG B SC69 M D73
WILLIAM EDWARD YVORCHUK
RADOSLAV ZUK B ARCH56

Gifts between $250 and $499

Gifts at this level totalled $199,113, including gifts given anonymously.

D C ABBOTT B C L21 L L D51
ELIE ABEL B A41 L L D71
WILLIAM H ABEY M D26
FRANCES E ABOUD M A70 P H D73
PETER AGOSTON
MRS PETER AGOSTON
ANDRES AGUILAR-MAWDSLEY M C L48
WILLIAM ALEXANDER
A GIBSON ALLEN B A48 M D50
GWYNNETH A ALLEN B N58 M SC(APP)75
JOHN H AMBROSE B SC(ENG)24
YVES MARIE ANDRE D D S73
H R ANGELL B S A25
ERIC B APPLEBY B COM52
ROBERT F APTER B SC(ENG)30
ARTURO L ARANAS DIP MED64
WILLIAM L ARGO M D40
M ELIZABETH ARTHUR M A47 P H D49
PHILIP P ASPINALL B COM50
CORNELIUS M BAARS M SC(APP)58 M D64
K JEAN BAGGS B SC67 M D71
E BARBARA BAIN B SC53 P H D65
JOHN L BAKER B COM47
JAMES L BALLENY B SC(ENG)25
EDWARD M BALLON B A47
MARCEL A BALTZAN B SC49 M D53
WILLIAM PAUL BARBER
IAN A BARCLAY B C L48
HARVEY BARKUN B SC48
MRS SUZELLE BARRINGTON B SC(AGR)73
MICHAEL J BARZA B SC60 M D64
JOHN BATES M B A78
DONALD W BAXTER M SC53
LAURENCE R BEATH B ENG35
MRS JAMES ROBERT BEATTIE B A30 B L S31
ANDREW BEELIK P H D54
FLORENCE M L BELL B A32
MIMI M BELMONTE B SC48 M D52
B ROBERT BENSON B C L58
NORMAN W BENSON B ENG40
KENNETH C BENTLEY D D S58 M D62
D DANNY BERCOVITCH B A54 M D58
MONTY BERGER B A39
GEORGE D BERKETT B SC(ARTS)31 M D36
BRUCE M BERRIDGE B ENG54
R STAVELEY BERRY B SC48 M D52
MRS LLOYD W BIRMINGHAM M SC46 P H D49
MRS KERSTI BIRO B COM70 M B A77
GILBERT BISHOP B SC(ARTS)23
WESTON BLAKE JR M SC53
JOHN BLAND B ARCH33
JOHN E BOGUE B COM62
ROBERT S BOIRE B COM48
HENRY BORDEN B A21
PATRICIA BOSSY
GERALD BOURBONNIERE B SC47 M D49
J ROBERT BOWEN M D45
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PAUL BRAIS B ENG49
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J ALAN BRIDGES B SC64 D D S75
HYMAN B BROCK B ENG46
ROBERT J BRODRICK M D47
HARRY BROOKS B ENG78
C KIRKLAND BROWN B ENG56 P H D63
CLIFFORD F BROWN B COM37
NORMAN E BROWN B SC48 M SC52
ROBERT S BROWN P H D36
JOHN H BUDDEN B ENG37
JOHN H BURGESS B SC54 M D58
MRS J E BUTLER B A34
A RODDICK BYERS B SC32 P H D36
DARRELL L CALKIN B SC(ENG)21
* SHEILA M CAMERON B ED(P E)62
STEWART H CAMERON B A49 M D51
CHRISTOPHER F CAMPBELL B SC(ENG)25
J ELLIOTT CAMPBELL B ENG42
GEORGE S D CANTLIE M D60
BENJAMIN CAPLAN B A30 M A31
JACOB H CAPLAN B ENG54
A ALDEN CARPENTER M D54
GEORGE S CARPENTER B COM52
MRS EGAN CHAMBERS B A47
JAMES CHAN M D64
NELSON CHANG
MRS NELSON CHANG
JEAN CHARTON B ENG47
LOUISE CHEVALIER B ENG74
DONALD L CHEW B SC66 M D70
SYLVESTER S Y CHIU M D64 M SC65
WALLACE B CHUNG M D53
JOHN B CLAXTON B C L50
ALAN W CLAYTON B COM66
JOHN E CLEGHORN B COM62
STUART H COBBETT B A69 B C L72
G ALAN COCKFIELD B ENG52 M B A78
WILLIAM R COLES B ENG51
ELEANOR COLLE
MICHAEL J COLMAN B ENG57
WILLIAM R COOK B COM52
GERALD E COOPER B SC48 P H D53
JOHN I COOPER P H D38
ROSS M COOPER B ENG48 M ENG50
F CAMPBELL COPE B A24 B C L27
MRS E C CORISTINE B A41
GEORGE A COSLETT B ENG51
MARY ROCHE COURTRIGHT B SC40 P H D44
DANIEL F COWAN M D60
RICHARD S CRABBE P H D77
MICHAEL J CRIPTON D D S57
H MORREY CROSS B ENG43
WILLIAM G CUMBERLAND B SC68
MRS FREDERICK H CUMMER JR B SC38
ALAN S CUNNINGHAM B COM48
PETER A CURRIE D D S75
MARIAN C CUSHING B A60 M D64
MICHAEL CYTRYNBAUM B A62 B C L65
JAMES H DARRAGH M D48 M SC59
E LESLIE DARRAGH B A44
MRS MARY A DAVIDSON B A41
THOMAS R M DAVIS B C L72 L L B79
MRS HOWARD L DAWSON ARTS32
MARCELLE DE FREITAS B A43
MARC E DE WEVER B C L69
JOHN M DEALY
E H DEWIS B SC(ENG)23
STANLEY M DIAMOND B COM54
J CAMPBELL DICKISON B A38 M D40
ANTHONY R C DOBELL B SC49 M D51
JOHN W DOBSON B COM49
JACOB DOLID M SC(AGR)21 P H D23
HAROLD G DONDENAZ B A48
EUGENE DONEFER P H D61
MAURICE DONGIER
G DONNAY
W GORDON DONNELLY B A39 B C L47
KENNETH ROOT DOUGLAS M D56
JAMES N DOYLE B A37 B C L41
LANEY A DOYLE B N69
GORDON DRUKER B SC57
KEITH NEWTON DRUMMOND B A53 M D55
DWAYNE DUDGEON D D S75
P ARTHUR H DUFAYS B ENG63
E AENID DUNTON B A47 M D49
DOUGLAS L DYKEMAN M D53
R KENNETH EADIE B SC42 B ENG47
WILLIAM J ECCLES B A49 P H D55
ROSS EDDY B C L76
PETER G EDGELL M D43 DIP MED50
ELIZABETH G EDWARDS B A47
RUSSELL L EDWIN B SC50 M D54
MAURICE J ELDER B SC42 M D43
ERIC H W ELKINGTON M D18
BARTON S ELLIS B COM47
ASHTON EMERSON M D40
H MARTYN ESTALL B A30 M A31
RALPH H ESTEY B SC(AGR)51 P H D56
JANE FAIR-FALCO B A70
GERALD W FARNELL P H D57
BARBARA R FELLOWS M D54
MARY ANN FERGUSON B S W72 M S W73
KENNETH C FINCHAM B COM50
MRS MARY FINLAY M L S72
O J FIRESTONE M A42
MRS M A FLOWER B A39
PHILIP F FORAN B C L30
L YVES FORTIER B C L58
GEORGE W FRANKS
IAN H FRASER B A47
J RAMSEY FRASER B COM34
MURRAY J FRASER
MRS SANDRA FROSST B S W76 M S W77
AARON FUCHS M D77
U PAUL F GAREAU B SC49 M D53
MICHAEL L GARMAISE B A60 B C L63
JEAN C GARNEAU B ENG53
JULIUS W GARVEY B SC57 M D61
W H GAUVIN B ENG41 P H D45
DAVID C GEGGIE B A48 M D50
BRAHM M GELFAND B A57 B C L60
FRED H GENESEE M A70 P H D74
GUIDO GIANFRANCESCHI M D48
EVAN W T GILL B SC(ENG)25
* IAN GILLEAN B ENG40
PIERRE GLOOR P H D57
C R GLUBE B A52
SAMUEL GODINSKY B A27 B C L30
PHILIP GOLD M D61 P H D65
NORMAN J GOLDBERG B SC55 M D59
ALAN Z GOLDEN B C L62
WILLIAM J GOLDSMITH B SC67 M D71
MARY GOLUBEVA B S W50 M S W53
R C JEFFREY GOODE B ENG33 M ENG34
MRS JEAN E GOODERHAM B A33
HAROLD P GORDON B COM58 B C L64
GERARD GOSSELIN B ENG50
CARY H GOTA M D70
WILLIAM T GRANT B COM34
FREDERICK W GRAUER M D36
E D GRAY-DONALD B SC(ENG)26
ALEX S GRAYDON B A37 B C L49
VLADIMIR GREBENSCHIKOV
DANTE P R GRECO M D65
MILTON GREENBERG M D28
J E D GREENWOOD B COM48
DONALD F GREER B COM57
ALAN W GREIG B ENG64 M SC68
HARVEY GROSSMAN B A51
NAOMI JACKSON GROVES B A33 M A35
G RICHARD GUERETTE B COM54
ROBERT S GURD B SC48
JEAN M GWYNNE B A27
H M HAGUE B C L21
THOMAS R HALE B SC47 M D49
A LOUISE HALL B N61
JOHN A HALL B SC42 B ENG49
ERIC L HAMILTON B COM34
J DAVID HAMMOCK B SC63
H ANTHONY HAMPSON B A50
H GEORGE HAMPSON B A47 M A49
ABRAM B HANDELMAN D D S39
MRS EDMUND A HANKIN B A34 DIP P E35
MATTHEW S HANNON B C L50
JOHN E HARBERT B ENG60
PATRICIA M HARNEY B SC(AGR)50 P H D63
SEAN J HARRINGTON B C L68
THORNLEY W HART COM37
E FRED HARTWICK B ENG38
ROBERT K HARWOOD ENG48
H CLIFFORD HATCH JR B A63
WILLIAM HAYS M D64
PETER B HECHTMAN B SC63 P H D70
JOHN ADAM HEDRICH B SC(ARCH)78 B ARCH80
MELVYN HEFT B COM53 D D S60
STEPHEN J HELLE B SC52 M D56
DONALD G HENDERSON B SC(ARTS)27 M D31
JOHN J HENEY B COM49
JAMES P HENNIGER B SC60 P H D65
MRS JAMES P HENNIGER B A62 M A65
STEPHEN S HESSIAN B ENG57
CAROLINE B HICKS B A37 B L S38
LUCIUS T HILL JR M D58
OLIVE MARY HILL B A31 M A33
SARA W HILL B A25
WILLIAM P HILLGARTNER
LUCIEN HIRSCH M D35
LOUIS C HO B ENG61
GEORGE R HODGSON ENG16
ALFRED T HOLLAND B COM41 C A50
DAVID STANLEY HOLLETT M D77
ROBERT W HOLMES B ENG41
MRS MARTIN L HORNSTEIN DIP P O T53
W GRANT HORSEY B COM38
KENNETH S HOWARD B A46 B C L49

*Deceased

GORDON T HOWARD B COM36
R PALMER HOWARD M D37 M SC47
ROGERS VANDEGRIFT HOWARD B ENG80
DORIS A HOWELL M D49
F S HOWES B SC(ENG)24 M SC26
W S HUNT B ENG36
C GRANT HUNTER B COM60 B A62
IAN E HUTCHISON B A50 M D54
REED W HYDE B SC41 M D44
W FARRELL HYDE B COM54
A STUART HYNDMAN B A48 B C L52
HANG YAN IP
HAROLD A IRVING B A51
MORTON P ISRAEL B SC65 M D69
MRS BARTON P JENKS III B A48
JOHN B JEWELL M D43
CHARLES JOHNSON B ENG56
LOUIS G JOHNSON B SC35 M D39
MRS PETER R JOHNSON B A63
MRS M CARLYLE JOHNSTON B A50 M S W54
ROSE JOHNSTONE B SC50 P H D53
ARCHIBALD R C JONES
WILLIAM M JONES B SC52 M D54
A HUGH JOSEPH B SC(ARTS)20
J JOSEPHSON B ENG44
GEORGE B JOST B ENG32
CLAUDE JOUBERT B COM76
LAURENT JOYAL B ARCH61
JEAN BAPTISTE JULIEN M A81
ROBERT S KADOWAKI B SC57 D D S63
ATHANASIOS KATSARKAS M SC78
M A KAUD
GERHARD E KAUNAT B ENG54
* STUART E KAY B SC(ENG)21
RONAN KEARNEY
MARION A KEITH B A28
E BRUCE KENNEDY B ENG70 D D S74
JOHN J KERR B ENG46
A J KERRY B SC(ENG)29
ESTHER W KERRY DIP S W30 M A39
AYTON G KEYES B COM40
ROYAL C KIRBY B A50 M D52
ALAN KIRSCHBERG B A28 M A29
BARBARA PEAD KRAFT B A43 M D47
CECIL KRAKOWER B SC(ARTS)28 M D32
STUART E KROHN M D30
R G KURANOFF
MRS NICHOLAS P KWOK M ED72
MIRIAM S LAFLEUR B SC59 P H D66
PETER M LAING B A35 L L D81
J CAMPBELL LAING B A47 B C L50
W E LAMBERT
WILLIAM J LAMBERT B ED(P E)60 D D S64
HAROLD B LANDE M A30 B C L33
ADELE DE G LANGUEDOC B A29
LEO CONRAD LAPORTE B SC(ENG)28
RICHARD J LARKEY M D57
CAROLL HENRI LAURIN M D80
ELIZABETH V LAUTSCH M SC51 P H D53
RAY E LAWSON B SC62 B C L65
VERNON L LAWSON B SC41
JOHN A LAZZARI B A53
JOHN G LE MOINE B A28 B C L35
RAYMOND D LE MOYNE B A56
RALPH S LEAVITT
LOUISE A LEFORT B SC70
GEOFFREY W LEHMAN B A49 M D53
ROY E LEMOYNE B ARCH51
JOHN K LESLIE B ENG49
PHILIPPE LETTE B C L68
ROBERT S L LEUNG B SC66 M D70
RUSSELL A LEVE B SC69 D D S71
SEYMOUR LEVINE B ENG47 M ENG50
EDWARD D LEVINSON B SC49 M D53
SOLOMON LEVITES B A36
MRS SOLOMON LEVITES B A36
JOHN F LEWIS B COM36
JEAN B LIBERTY B SC(H EC)60
MRS GORDON LIERSCH B L S33 S W58
J C LIKELY M D43
DOUGLAS M LINDSAY B SC51
JOSEPH S LIPES B ENG51
DARIO LORENZETTI B SC58 M D60
MRS PATRICIA LORSCH B A60
G DONALD LOVE B ENG50
SAL J LOVECCHIO B COM67 B C L70
MRS SAL J LOVECCHIO B A66
MICHAEL A LOVEGROVE M D75
VICTOR K S LUI B SC67 M D71
W A MACDONALD B A48
THOMAS D MACDONALD D D S71
JOHN A MACDONELL M D49
DOUGLAS W MACEWAN M D52 DIP MED58
JOHN MACHADO B SC77
DAVID MACKENZIE B A48 B C L51
MRS A B MACLAREN B SC(ARTS)19
MRS ABIGAIL MACLEAN B A71
ELEANOR A MACLEAN B SC67 M L S69
ALLISTER W MACLEOD B COM55
K C MACLURE B SC34 P H D52
JAMES A MACMILLAN M D48
PHILIP M MALOUF B ENG35
ROBERT H MARCHESSAULT P H D54
OSWALD S MARKHAM B A30
WALTER MARKHAM B COM35
JOHN DE M MARLER B A29 B C L32
PETER D MARSHALL B SC(AGR)65
ROBERT EDWIN MARSHALL M D52
JEANNE G MARSOLAIS B A70 M A72
JOHN R MARTIN B SC44 M D45
LEO F W MARTIN M D72
WALTER MATHESON B SC(ENG)13
ALEXANDER MATZKO B SC47 M D51
BENJAMIN R MAXWELL M D38
H STIRLING MAXWELL B ARCH28
ABE B MAYMAN B SC45 M D47
KEITH P MAZUREK B ENG49
MRS J CRAIG MCCLELLAND M A38
R JAMES MCCOUBREY B COM66
DUNCAN R MCCUAIG M D26
NEIL W MCDERMID B ENG50
ALEXANDER W MCDONALD B SC(AGR)42 M D50
GEORGE MCDOUGALL B SC71 M B A76
ANSON R MCKIM B ENG57
JOSEPH C MCLELLAND
ALEX W MCLEOD B A40 B C L48
JOHN D R MCMORRAN B SC71 M D75
ARTHUR R MCMURRICH B COM39
ALAN LINDSAY MCPHERSON M D73
JONATHAN L MEAKINS B SC62
DENIS MELANCON
JOSEPH MENDELSSOHN B COM51
KEITH G MILLAR D D S68
WILLIAM I MILLER B C L53
JOSEPH P MILLER B C L54
ROY WATT MILLER B SC67 M SC73
MRS W O CHRISTOPHER MILLER B A53
FRED C MILLS M D56 M SC61
CATHERINE A MILNE B SC68 M D70
PETER M MILNER M SC50 P H D54
MRS J W E MINGO B S W50
DAVID MITCHELL
NELSON S MITCHELL B A55 M D59
SHARON R MITCHELL B ED63
CHRISTOPHER JOHN MOLESKI B ENG73
HARTLAND DE M MOLSON
JAMES E MORGAN B A37
FRANCIS MORRIS B A75
NORMAN D MORRISON JR M D34
MRS NORMAN MORRISON JR B SC33
AVRUM MORROW ENG47
CHRISTINA M MORTON B A24
CAMILLE MOUCHAWAR
MRS ERIC W MOUNTJOY B N66 M SC(APP)76
WILLIAM P MULLIGAN M D56
WILLIAM H MULLOY M D52
DAVID E MUNDELL B ENG54
DONALD M MURRAY B COM55 C A58
JAMES G MURRAY B SC48 M D51
A F NANCEKIVELL M D42
HELEN R NEILSON B H S39 M SC(AGR)48
ROBERT J NELSON M D32
EMILE NENNIGER M ENG51
EDWARD W NETTEN B COM51
JOHN S NEWMAN B ENG50
G RICHARD I NICHOLSON B SC61 D D S63
ALEXANDER NIES M D58
JOHN A NOLAN B A34 B C L37
SALME NOMMIK M SC52 P H D57
EDWARD NORSWORTHY B ENG39
RONALD OELBAUM B COM53
J R OGILVIE B SC(AGR)54
JOHN A OGILVY B A52 B C L55
JANICE OLIVER B COM63
KATHLEEN W OLIVER B A43
PETER ONNO B ENG58 P H D65
MARIO ONYSZCHUK B SC51 P H D54
THOMAS W OSTAPOVITCH B ENG75
KIEL H OXLEY B A27
HUGH D PALMER M D43
BERNARD PANET-RAYMOND B ENG47
JOHN B PANGMAN B SC(ENG)23
GEORGE S PANOS B ENG34
ALLAN A PARK B ENG49
OLIVE A PARKER B A26
ALEX K PATERSON B C L56
JOHN WM PATRICK B A42 M D43
T J F PAVLASEK B ENG44 P H D58
RICHARD O PEACH M D54
JOHN PEACOCK
RONALD E PEARL B COM57
DAVID W PEAT B ENG50
ROBERT Z PERKINS M D47
ERNEST PERRY B SC42 P H D51
CHARLES W PETERS B A61
ROBERT I C PICARD B A31 M A32
JOHN M PIERCE B SC48
JOHN G PIESLEY B SC48
R O PIHL
ANNE MARIE PINTO M A72 P H D74
PAUL B PITCHER B A35 B C L38
GRAHAM PITCHER B SC(AGR)54
R JAMES PLANT B C L60
MRS R JAMES PLANT B A61
ERVIN PODGORSAK
T DOUGLAS POLLOCK B SC(ENG)24
HERBERT ANGUS POLSON B SC72 M D76
RONALD S POTTS M D54
JAMES D PRENTICE B SC51 M SC53
DOUGLAS S PRYDE B C L63
JOHN B QUINLAN B ENG62
* LOUIS J QUINN B A32 M D36
T JAMES QUINTIN M D30
DONALD O D RAMSDALE B ENG33
DOUGLAS ELLERY READ B SC(ENG)23
EUGENE E RECORD M D37
JOHN H REDPATH M D68
L ERIC REFORD B A21
GARY RICHARDS
MICHAEL L RICHARDS B A60 B C L63
MRS R J RICHARDSON B SC52
WAYNE K RIDDELL B MUS60
GORDON S RITCHIE B COM41
WILLIAM A RIVERS M D55
NOAH ROBBINS M D69
CLAYTON J ROLFE B C L31
BRAM ROSE M D33 P H D39
STUART A ROSENBERG B SC67 M D71
BERNARD L ROSENBERG B A39 M D43
ISADORE ROSENFELD B SC47 M D51
CLARENCE ROSENHEK M D40
A BEATTY ROSEVEAR B A16
WINIFRED M ROSS M SC(AGR)48 M D52
GAVIN ROSS
JOHN ROSTON B A76
T E ROY M D31
DONALD W RUDDICK B A38 M D42
AARON H RUDOLPH B SC44
JOHN T RULON M D55
DONNA R RUNNALLS B D64
WALLACE J SAAD SC52
MRS FREDERICK C SALTER B SC(ARTS)26
GEORGE P SAYRE M D38
DAVID MARCH SCHAFFELBURG M D72
BEN SCHECTER B A36 B C L39
MORRIS SCHNEK B COM69
MRS PETER V SCHOLES B A48
JESSIE BOYD SCRIVER M D22 D SC79
MRS J MARSHALL SEATH DIP P E17
WILLIAM M SEATH B ENG52
DAVID A SELBY B ENG49 M ENG64
LAURENCE SESSENWEIN B A24 B C L27
H LAURIE SEYBOLD B ENG62
FRANK E SHAMY B SC54 D D S56
CHARLES E SHAPIRO M D22
LORNE SHAPIRO B A34 M D39
MRS LORNE SHAPIRO B SC41
MRS ROSALIE SHARP
ROBERT F SHAW CC B ENG33
DOUGLAS T SHAW B ENG42
GEORGE P SHAW B COM51
DAVID Y M SHEK B SC(ARCH)70 B ARCH71
WARNER F SHELDON M D37
MRS WARNER F SHELDON B A33
BRYAN M SHIEMAN M D54
ABRAHAM SHULMAN B A27 M D31
HERBERT E SIBLIN B COM50
SEYMOUR A SIEGAL M D55
DAVID SIGLER B ENG52
ROGER G SIMPSON M D34
J BRUCE SMITH B SC65 M D69
CHARLES J SMITH M A51 P H D54
LORNE D SMITH B COM81
THEODORE L SOURKES B SC39 M SC46
IAN A SOUTAR B ENG58
COLIN A SPENCER B ENG48
HERBERT O SPINDLER B COM52
MARIO SPINO B ENG47
NUNZIO MARIO SPINO B ENG73
IVAN STANKOVIC D D S78
D HUGH STARKEY B A27 M D31
URSULA STEINER DIP NUR64
GRANT STEMMERMANN M D43
W J STENASON B COM52 M COM54
PETER J STEPHENS B SC61 M D65
HARRY D STEVENS B SC48 M D50
JOHN W STEWART B ENG47
H P STOCKWELL B SC(ENG)24
PAGE W T STODDER
ANTHONY STURTON
HYMAN SURCHIN B SC43 M D44
D WM SUTHERLAND B COM39
D'ALTON M SWIFT B ENG64
GENE D TANG M D59
MALCOLM A TASCHEREAU B ENG53
PARR A TATE B SC46 M SC47
RUSSELL F TAYLOR B SC47 M D50
DUDLEY R TAYLOR B ENG37
JOHN H TAYLOR B ENG35
LAUGHLIN B TAYLOR M SC61
RICHARD W TAYLOR B SC69 M D73
JOSEPH TELGARSKY
HOWARD B THOMAS M D62
RAYMOND C THOMAS B A51
MRS ALAN G THOMPSON ARTS40
B GORDON THOMPSON M D59 M SC65
CHARLES M THOMSON B COM40
SAMUEL F TILDEN JR B ENG45
TREVA M TILLEY DIP P E27
C FRANK TOPP B COM38
STUART R TOWNSEND B A29 M D33
MARGERY W TRENHOLME B A35 B L S46
GEORGE N TRUSCOTT D D S52
ALAN D M TURNBULL M D61 M SC65
CECIL H TURNER M D32
IAN N URQUHART B A70
WILLIAM B VAN ALSTYNE M D59 DIP MED64
JOHN H VAN DE LEUV M D57
MRS MAARTEN VAN HENGEL B A48 B S W49
ROBERT B VAN WINCKLE D D S71
S JOHN A VANDRICK M D51
P F VINEBERG M A36 B C L39
STEPHEN A VINEBERG B COM58
HUDSON H VIPOND B SC65
P VIVANTE
TIMOTHY J WAGG B ENG57
ALLEN S WAINBERG B SC57 D D S59
LOUIS J WAINER B A29 M D33
PETER D WALSH B A52 B C L55
JOHN S WALTON B ENG53
MRS JOHN S WALTON B A52
MRS CYNTHIA G WARDWELL B A36
GORDON WATTERS
JEAN F WEBB M D42
MRS H WEBBER B A42 DIP S W44
ANDREW D WEBSTER B A57
R HOWARD WEBSTER B A31
MORTIMER WEINFIELD B A33 B C L36
I W WEINTRUB B SC48 M D52
GEORGE E A WHELAN B A49 B C L52
E ROSS WHITEHEAD
MICHAEL A WHITEHEAD
MRS HARRIS WHITTEMORE JR ARTS18
FREDERICK M WIEGAND M D60 M SC64
JOHN M WIGGETT B ENG42
VIVIAN F WIGHTMAN B A43
DONALD BOYD WILLIAMS M D67
SELWYN WILLIS B A33
ROLLA E WILSON M D53
CHARLES V WILSON P H D33
MRS DONALD R WILSON B A37
RALPH D WINSHIP B ENG54 M ENG57
LEWIS W WINTER B SC57
POLLY B WITHROW M D41
RAY M WOOD M D54
FRANCES B WRIGHT B A52
JOHN P WRIGHT COM31
JAMES W WYSE B SC(ENG)24
ARCHIBALD D YOUNG M D51
MRS THANOS N ZINTILIS B A55
WOLF ZITZMANN

Gifts between $100 and $249

Gifts at this level totalled $440,149, including gifts given anonymously.

ROBERT LEE ABBEY D D S57
SYDNEY ABBEY B ENG40
CHAIKER ABBIS B C L48
ARTHUR C ABBOTT B SC(ENG)26
DAVID PETER ABER B COM29
SAMUEL ABER B A35 M D40
SAMUEL ABERMAN B ENG65
MRS RICHARD DAVID ABRAHAMSON B A63
DAVID K ABRAMOWITZ B COM57
MRS MORTIMER ABRAMSKY B A55
ARTHUR S ABRAMSON B SC34 M D37
C F DOUGLAS ACKMAN M D60 DIP MED67
G ROGER S ACKMAN B C L63
SHIRLEY R ADAMS B SC62 M D68
JAMES R ADAMS B SC36 P H D40
MARJORIE M ADAMS B A69
DAVID ADDLEMAN B A66 M D70
ANTONIO ADELFIO L L M55
H ADELMAN
EDWARD I ADELSON B SC58
NATHAN AGENSKY B ENG61
NORMAN J AHERN B COM49
MRS MERIBAH AIKENS B A79
JOAN AINBINDER M D61
ALEXANDER R AIRD B A58
PETER J AIRD B COM49
* W H AIRD ARTS17
MRS ALAN AITKEN B A34
J R AITKEN M SC(AGR)47
INA E AJEMIAN M D64
FRANK AJERSCH B ENG63
RICHARD H ALBERT B SC66 D D S68
GEORGE ALEXANDER B COM41
M J B ALEXANDOR B A58
S PAMELA ALLAN B N64
GARY WILLIAM ALLARDYCE B ENG74
F MOYRA ALLEN B N48
J WARREN ALLIN B COM52
BRUCE A AMBROSE B SC70
HAROLD D AMES M D47
ALLEN C AMOS B SC57
PAUL M AMOS B SC65
TASSOS ANASTASSIADES M D62 P H D68
GREGORY J ANBER B SC71 M ED77
RICHARD G ANDERSEN M D60
DUNCAN P ANDERSON B SC63 M D67
EUGENE C ANDERSON M D60
MRS G J ANDERSON B SC(H EC)48
LAWRENCE K ANDERSON B ENG57
MARGARET E ANDERSON M A65
WALTER ANDERSON M D35
WILLIAM JOHN ANDERSON B SC67 M SC(APP)70
EVANGELOS D ANDROUTSOS D D S62
JOHN B ANGEL B ENG35
DAVID C ANGELL M D55
HENRY F ANGUS B A11 L L D49
M G ANGUS
W DAVID ANGUS B C L62
JOHN C ANTLIFF B SC51
EDWARD M APEN JR M D61
MARK G APPEL B A65
LEONARD APPLEBY B A46 M D48
VIOLET B ARCHER L MUS34 B MUS36
RICHARD E ARCHIBALD B SC(AGR)52
T ARGYROPOULOS B ENG51
RICHARD ARMITAGE
D A ARMSTRONG B SC52 P H D55
DONALD E ARMSTRONG P H D54
MRS ELSEE R ARMSTRONG DIP NUR55
A ARONOFF B SC45 M D49
KELLY J ARREY B ENG50
PIERRE M ARSENAULT B ENG57
MRS IRENE M ARTHURS B SC39
J A ARTO
GEORGE ASCROFT B SC51
MERVYN ASHING B SC48 D D S52
MRS ASHLEY JEFFERSON ASHMELE B A56
ALFRED ASSALY B ENG46
CHAS ASSELIN D D S43
MRS EDITH ASTON-MCCRIMMON DIP P T50 M SC(APP)80
MRS DEREK S ATKINSON B COM47
ELHAMY L ATTIA
PIERRE HUGUE AUDET M L S79
JOHN S AUSTON B SC57 M SC(APP)59
MRS E AVRITH DIP P O T52
JOHN P AYER M D42
HAROLD E AYERS B COM28
DEREK H AYLEN B A53

*Deceased

PETER GORDON AYOUB B SC74 D D S80
WILFRID J AYRE B COM56
JOHN O BAATZ B ENG62
HOWARD A BACAL B A54 M D58
CONSTANTINE BACH B ENG51
BRIAN RICHARD BACHER D D S77
RONALD A BACKUS M D64
W S BAGNALL M D38
CHARLES BAILLIE
ROBERT L BAIRD B ENG49
PETER C BAKER B SC71
SAM BAKER
W GORDON BAKER B ENG37
LESTER BALDWIN B SC54
DONNA LEE BALKAN B A75
JOHN C BALL B SC42 M D49
JOHN B BALLOU M D52
ALEXANDER G BALOGH B ENG54
SIEGMAR U BALTUCH B ENG56
GEORGE PHILIP BANCROFT B SC75 M SC78
ARNOLD D BANFILL B C L40 B L S47
GLADYS M BANFILL B A19 M A29
CHARLES R BANNON M D44
ALBERT F BANVILLE B COM78
WILLIAM J BARAKETT B SC67 M D71
RAYMOND BARAKETT B A55 B C L58
G MELVIN BARCLAY B SC(AGR)64
HUGH G BARCLAY B ENG57
JEAN M C BARDIN P H D72
CHARLES S BARKER B A28 M D32
DONALD M BARNETT M D57
HENRY A BARON M D28
HAROLD M BARRETT
MRS LEONARD BARRETT B SC42
RICHARD E BARRETT B SC(ENG)26
L HOPE BARRINGTON B A29
AUGUSTINE L BARRY B ENG40
ALLEN E BARTLETT B COM52
KENNETH BARWICK B ENG52
E J BASSEN M D22
CLARENCE L BATES M D34
* MRS CLARENCE L BATES B A30
ARTHUR F BATTISTA B SC43 M D44
DONALD BAUER M D42 M SC43
PATRICIA BAULU B SC61
HARRY MORIS BAUM D D S77
BERT E F BAUMAN B SC(ENG)27
ALICE J BAUMGART NUR64 M SC(APP)64
ALDO BAUMGARTNER
DAVID E BAWDEN
JAMES D BAXTER M D47 M SC52
MRS CLIVE L B BAXTER M A61
JOHN W M BAXTER M SC69 M D73
ROBERT BAXTER B SC33 M D38
MRS ROBERT BAXTER B A34
W J BAXTER M D29
GREGORY F BAYLIS B ENG50
J RONALD D BAYNE B A45 M D47
CHARLES M BEACH B A68
CHARLES B BEAMISH D D S58
RAHNO M BEAMISH NUR28
HARVEY E BEARDMORE B SC46 M D48
RICHARD M BEARDMORE B ARCH70 B SC(ARCH)70
MRS RICHARD M BEARDMORE DIP ED71
J WALLACE BEATON B COM43
JACQUES BEAUBIEN M D40 B SC40
RICHARD BEAUDRY B ED(P E)79
DONALD J BEAUPRIE B SC51 D D S56
CLIFTON M BECK B A48 B C L51
MARTIN E J BECK M D81
ROBERT G BECK B SC(ENG)27
BRUCE H BECKER B COM46 C A54
LAVY M BECKER B A26
MICHAEL F A BECKERMANN B ENG61
RAYMOND J BEDARD D D S79
GREGORY BEEBE B ENG77
MRS ANDREW BEELIK B L S54
JAMES F BEESLEY M D53
PAUL B BEESON M D33
CHRISTOPHER EDWARD BEHR B ENG80
JACQUES BELANGER B COM33
JEAN BELANGER B C L64
JOHN N BELL M D53
EDWARD S BELL B ENG54
MRS EDWARD S BELL B A54
RICHARD S BELL D D S69
MRS ROBERT E BELL B A47 D LITT78
ROBERT STUART BELL B SC73 M D75
ELAINE E BELLAM B SC73 D D S75
CLAUDETTE BELLEMARE B A70 B C L73
PETER BENJAMIN B SC51 M D55
BRUCE G BENNET B COM49 DIP MGMT59
G FRANK BENNETT B SC(ENG)31
HAZEL W BENNETT B H S42
R DOUGLAS BENNETT B ENG32 P H D35
MRS PHYLLIS ADELE BENTLEY M S W72
BRUCE M BENTON B SC55
ROBERT J BERCKMANS B SC70 M D76
BENNY BERGER B A57 B C L60
DAVID BERGER B C L75
IRVIN J BERGER B ARCH32
KEVIN BERGER B A80
SAUL M BERKOWITZ B ARCH39
MELVYN BERLIND M D28
J G ANDREW D BERMAN B SC73
JACK BERMAN D D S54
BRAM H BERNSTEIN B A60 M D64
ROBERT M BERNSTEIN P H D72 M D77
CAMERON G BERRY B SC61
MARGARET ALISON BERRY B SC72 M D74
MRS GORDON BERSON ARCH69
LORINE BESEL B N60
RANDOLPH C BETTS B ARCH28
AUSTIN C BEUTEL B COM53
MRS AUSTIN C BEUTEL B A58
JOHN A BICKLE M D29
MICHEL R BIENVENU D D S75
ROBERT J BIERSNER M A64 P H D66
JESSE E BIGELOW B A38
SERGE BIKADOROFF B SC54 M D58
ROD J BILODEAU B ENG48
DOROTHY BINDER B SC74 D D S78
JOHN C BINNEY B SC59 M D64
CAROL LOUISE BINNINGTON B SC72 M D77
JOSEPHINE N BIRD B SC49 M D53
MRS JOHN E BIRKS B A34 M A39
JOHN M BISHOP JR B ENG47
MRS JOHN M BISHOP JR ARTS50
JOHN G L BISHOP B A50 B C L53
TREVOR H BISHOP B A54 B C L57
NEVILLE BITTAR M D61
ARLAN E BJARNASON M D53
MARTIN J BLACK B SC63 M D67
DUNCAN R BLACK B ENG50
HARVEY H DE B BLACK B A35 M D43
GAIL E BLACKWOOD B SC67
BARBARA-ANN BLAIR B A81
DAVID C BLAIR M D52
MRS WM SUTHERLAND BLAIR B A42
ROY M S BLAKE B SC54 M D59
MRS ROBERT BLAKELY B A71
PAUL M BLANCHET B SC(ENG)30
HOWARD A BLANCHETTE B SC65 M D71
LIONEL J BLANSHAY B A61 B C L64
ANTON BLASKOVICH
MICHAEL A BLAU B SC64 D D S69
AARON BLAUER B ENG48
ANCEL U BLAUSTEIN B SC42 M D45
ANCEL U BLAUSTEIN M D48
HECTOR P BLEJER B SC56 M D58
J BENJAMIN BLOCK B ENG37
LAWRENCE S BLOOMBERG M B A65
MRS LEWIS M BLOOMINGDALE B A37
WARREN T BLUME M D62
MRS H WALTON BLUNT DIP P E23
PETER R BLUNT B SC60 B D70
JOSEPH E BLUSTEIN B SC57 M D61
LEO M BLUTEAU B ENG50
JOHN A BOA B ENG50 DIP MGMT57
MRS J D BOADWAY B A41
THOMAS E BODY M B A68
GINO BOGGIA B C L77
J E MARCEL BOISVERT M D61 M SC61
MAURICE J BOIVIN M D58
EDWIN B BOLDREY M SC36
CLAUDE BOLDUC B ARCH54
RICHARD A E BOLTON B SC60 M SC63
SARAH LOUISE BOLTON B SC65
GEORGE F BONDAR M D57
MICHAEL M BONE B COM52
ARTHUR BOORMAN
MICHAEL BOOTH M D72
WILLIAM H BOOTH B ENG58
GEORGE BORCHARD D D S45
FRANCIS C BORGNINO M D45
ROBERT R BORIGHT B SC41 M D44
MRS ROBERT R BORIGHT B SC(H EC)51
WALTER H BORLASE B ENG59
HERB H BORSUK D D S72
CARLO G BOS B A41 M D43
MARK M BOSS B SC(AGR)44 M D49
MRS ALLEN PATERSON BOSWELL B A47
WILLIAM C BOSWELL B A50 M ED75
MRS GABOR BOTH M L S69
DIANA C BOUCHARD B A68 M SC79
JAMES ERNEST BOUCHARD M B A79
JOSEPH E BOUCHARD B COM52
MICHELE BOUCHER B ENG75
GEORGE G BOUKYDIS B COM44
F MUNROE BOURNE B A31 M D37
ROBERT H BOURNE B SC47 M D49
JOHN R BOUSFIELD
NICOLE D BOUSQUET M A74 P H D78
CHARLES GORDON BOVEY B A66
RICHARD J F BOWIE B A60 B C L63
ALEXANDER BOWMAN D D S68
DON BOYANER M D51
MRS R L BOYCE B COM42
HARVEY CLARK BOYD M D38
ROMAN BOYKO B COM60
EDWARD J BOYLE M D54
W HOWARD BOYLES D D S41
GEORGE BRABANT D D S52
G E BRADFORD B SC(AGR)51
WESLEY H BRADLEY B C L37
MRS JAMES W BRADLEY B ED60
ALFRED J BRAGOLI B SC51 M D53
LEWIS T BRAINERD B ENG50
WILLIAM E BRAISTED M D36
FREDERICK ALBERT BRAMAN B A72 B C L75
E ARNOLD BRANCH M D20
KENNETH N R BRANDS B ENG40
REUBEN I BRASLOFF B ENG44
ROGER W BRASSEL M D64
MRS I B BRAVERMAN B A49 M S W52
RICHARD C E BRAY M SC40
JOHN R BRAYNE B ENG50
ALAN ROSS BREAKEY M SC76
ELIZABETH BREAKEY M SC76
MICHAEL V BREBER B COM56
F MAURICE BREED M D40
ALBERT S BREGMAN
C R BRENCHLEY B COM23
MRS C BRENNAN B COM43
R LYLE BRENNAN B SC43 M D50
O W BRESKI
ROLAND B BRETON B COM59
WENDELL B BREWER B COM23
JOHN F BRIDGEMAN M D57
ALBERT W BRIDGEWATER B ENG64
JOHN E C BRIERLEY B C L59
JOHN F BRINCKMAN B A55
KEVIN PAUL BRISSETTE M D72
C IAN BROADBENT B ENG52
JAY D BROCK M D72
GEORGE N BRODERICK B A31 B C L34
JAMES H BRODEUR B ENG56
C G BRODIE-BROCKWELL D D S48
MRS WILLIAM A BROIDY DIP S W21
ROBERT D BROMLEY B COM55
RONALD BROOKS
VIVIAN E H BROOKS B SC50 M D54
FRANK S BROPHY B COM48
LEO BROSSARD M SC40
ROSS BROUGHAM B COM49
LYLA I BROWN B A26 M D30
REA A BROWN M D62 M SC66
BRYCE A BROWN M D18
DAVID A B BROWN B COM66
EDWARD E BROWN B ENG32
ERNEST F BROWN B ENG35
G CAMERON BROWN B ENG40
GLENN RUSSELL BROWN B SC74
LINDA J BROWN B ED66
MRS THOMAS G BROWN B SC(P T)70
WM T BROWN B SC51 P H D54
IRWIN BROWNS B A54
MRS IRWIN BROWNS B A59 M ED78
SEYMOUR BROWNSTEIN B SC61 M D65
MICHAEL J BROWNSTEIN B COM70
PHILIP BROWNSTEIN B SC52 D D S56
DARRYL BRUCE B COM59
FRANCOIS BRULEY B ENG78
ARTHUR A BRUNEAU B A47 B C L49
MRS ARTHUR A BRUNEAU B SC46
IDA R BRUNEAU B A42
DAVID BRUNET B A50 M D52
JOHN P BRUNSWICK M D60
CHRISTOPHER HAYDEN BRYANT B A65
MRS WM HAYDEN BRYANT B A39 B L S59
M PHILIP BRYDEN M SC58 P H D61
MRS JOHN BRYNJOLFSON B SC(H EC)68
EDWARD T BUCHANAN B SC(ENG)28
ISIDORE BUCHBINDER
S J BUCHSBAUM B SC52 M SC53
RICHARD BUELL B SC68 M D72
HOWARD BUNGAY
NANCY L BUNGE B A63 M S W69
G RAPLEY BUNTING B ENG56
FREDERICK S BURBIDGE
PETER W BURGESS M D54
RALPH C BURGESS B SC(AGR)49 M SC(AGR)52
MRS JOHN BURLAND B SC(H EC)48
BARBARA M BURRY B ED77
JOHN R BURTON M D65
WILLIAM B BURWELL B SC49 M D53
JOHN W BUTLER B ENG60 M B A77
H C BUTTERFIELD B A48
JOHN F BUTTERWORTH B ENG50
JOHN D CAGEORGE B SC35 M D44
ELIZABETH CAHILL M A66 P H D71
ROBERT P CAHN B ENG45
MRS MAVIS CAIN B A49
WILLIAM P CAINE B ENG57
PHILIP R CALANCHINI M D56
THOMAS L CALDER M D53
DAVID M CALDWELL JR M D52
MRS DAVID M CALDWELL JR B SC(P E)51
W NELSON CALDWELL B ENG60
MRS W S CALDWELL B A27 DIP L S28
JOHN M CALHOUN P H D38
ROBERT B CALHOUN B A30 B C L33
EILEEN S NASON CAMBON M D51
KENNETH G CAMBON B A49 M D51
A H CAMERON M D19
ARCHIBALD F CAMERON D D S43
DOUGLAS GEORGE CAMERON M D40
JOHN H CAMERON
MARGARET M CAMERON B A16
A RAE CAMPBELL B ENG64
MRS ARTHUR G CAMPBELL B A38
BRUCE L CAMPBELL B ENG54
COLIN J CAMPBELL B A45 B C L49
MRS COLIN J CAMPBELL B A46 M S W51
COLIN CAMPBELL M D53
CRAIG E CAMPBELL B SC71 M D75
DOUGLAS J CAMPBELL B ENG48
GEORGE D CAMPBELL B COM49
JANET E CAMPBELL M D51
JOHN D CAMPBELL P H D52
WAYNE HARRY CAMPBELL B A70 M D74
N LEO CANEY B SC51
JOHN M CAPE
MRS BENJAMIN CAPLAN B A32
HERBERT CAPLAN D D S50
SAMUEL L CAPLAN B COM22 B C L28
FRANCES ELIZABETH CAPON B SC81
ARLENE P CAPRICCI B SC75 M D79
MRS KIMON CARAGIANIS B ARCH51 M ARCH58
MRS ROBERT H CARLEY B SC45
JONATHAN CARLSON B A76
ARTHUR W CARLYLE B SC(ENG)22 M SC23
GRANT M CARLYLE B COM34
C M CARMICHAEL JR SC40
JOHN B WOODS CARMICHAEL B A49
WILLIAM R CARMICHAEL B SC33
ANNE EVELYN CARNEY B N65
M C CARON B ENG44
LLOYD CARR-HARRIS B A51
R BRUCE CARRICK B L S36
C E CARSON B SC(ENG)22
MRS JANE CARSON
MRS DONALD C CASE B COM39
CHARLES A CASEY B SC60 D D S62
PETER C CASEY B C L65
ANDRE P CASGRAIN B C L49
TIMOTHY W CASGRAIN B A69
REZIN CASHER
STANLEY CASSAN B SC58 M D62
JOSEPH E CASSAR B C L59
LOUIS CASSAR M D53
BARBARA B CASSIDY B A65
J CHARLES CATY B COM63
WILLIAM S CAVE B SC49 M D51
MRS E ELIZABETH CAWDRON B H S36
OTTO M CEPELLA B ENG47
JOHN A CHADWICK M D65
JOHN T CHAFFEY M D64
PAULA GOOD CHAFFEY B SC60 M D64
MORTIMER CHAIKELSON B A64 B C L67
THOMAS W CHALLIS M D51
GORDON J CHALMERS B ENG47
DONALD C CHALONER B SC49 D D S54
ROSS E CHAMBERLAIN B ENG51 DIP MGMT63
R TULLY CHAMBERS M SC69
PIERRE A CHAMPAGNE Q C B C L51
DANIEL CHAMPAGNE B ENG75 M ENG78
JACQUES CHAMPAGNE
CHIN KEUNG CHAN B SC65 M D69
CHRISTINA CHAN B P T69 P H D79
MIU C C CHAN B ENG71
SIEW FANG CHAN B SC(ARCH)70
TSI U CHIU CHAN B ENG61
VINCENT WING SUEN CHAN B SC76 M D80
WING HING CHAN B SC70
FRANCIS H I CHANG B ENG69
RICHARD HSIAO CHANG
WILLIAM CHAPMAN
CLAUDE T CHARLAND B C L57
CAMERON CHARLEBOIS B SC(ARCH)74 B ARCH76
GERALD S CHARNESS B SC47
MORRIS CHARNEY B ARCH62
W H CHASE B SC48 M D52
LESLIE R CHASMAR M D51
C STEPHEN CHEASLEY B A59 B C L62
GORDON L CHEESBROUGH B SC48
KE KUNG CHEN
PAUL G CHENARD B SC76 M SC80
C BRANDON CHENAULT M D56
J C CHERNA
MRS JOHN CHERNA B ENG55
OSCAR H CHESES B A40
L PARKER CHESNEY B A38 M D40
SHUI-YUEN SAMUEL CHEUNG B SC(ARCH)78 B ARCH79
M CHRISTINE CHICOINE B COM65
DANIEL CYRIL CHIN D D S65
SIDNEY S CHIPMAN M D28
COLIN B CHISHOLM M D29
RAE CHITTICK NUR00
PAUL CHIU B SC70
PETER CHODOS B COM72
HOK SHAN CHONG B SC71
NURUL CHOUDHURY
JAMES C W CHOW B SC66 M D70
BAK-CHIU ESMOND CHOW B ENG78
BRUCE CHOWN B A14
ANNA A CHRISTIE B N55
R LOUIS CHRISTIE B ENG35
NICOLAS CHRISTOU M D75 P H D80
VIVIAN H CHROM B SC54
J E CHURCH B COM51
WILLIAM R K CHURCH M D68
F E CHURCHILL B ENG50
DOMINIC CIANCIARELLI B ENG75
JOHN D CIPERA P H D54
GEORGE P CITROME B SC67 D D S72
MRS JULIA CIZMAR
JOSEPH A CLAENER D D S65
MARVIN CLAMEN B SC48 M D52
GEORGE W CLARK M D44
STEPHEN D CLARK M D42
BRUCE P CLARKE B ENG34
WILLIAM B CLARKE B ENG62
MARGOT E CLARKSON B S W48
ANDRE JACQUES CLAVEAU B SC70 M D74
MRS EDWARD G CLEATHER DIP P O T54 B SC(PO T)58
G RUTH CLELAND B N69
FRED CLEMAN B A49
OTTO C CLEYN B ENG43
JOSEPH CLIFFORD M D43
ROY B CLOUGH B SC(ENG)17
W GROSVENOR CLOUGH B ENG36
ROSS N CLOUSTON B SC49
PHILIPPE CLOUTIER M D75
JOHN M COCCO M D63
JOHN M COCHRANE B SC66 D D S68
DONALD J COCKBURN B COM57
K BRIAN COCKHILL M SC(APP)64
ERIC M COCKSHUTT B COM22
J EDWIN COFFEY M D52
ALAN JORDAN COHEN B SC72
ARTHUR COHEN B A38 M D40
MRS DAVID COHEN B A54 M ED80
EDGAR H COHEN B A34
ERIC H COHEN B SC69 M D73
HAROLD COHEN B A28 M D32
HOWARD T COHEN B COM61
JACK COHEN B SC55 M D59
LAWRENCE N COHEN B A54 D D S56
MRS MARY W COHEN
MICHAEL COHEN B SC70 D D S74
MONROE W COHEN B SC61 P H D65
MONTAGUE COHEN
MORRIE M COHEN B COM60
ROBERT HAROLD COHEN B A43 D D S44
WILLIAM COHEN B A29 M D33
EMILE J COLAS B C L49 M C L50
JOHNNY COLASURDO B ENG71
JOHN H E COLBY B A39 B C L47
E WENDELL COLDWELL B A32 B C L35
DONALD L COLE B SC(AGR)55

*Deceased

NORMAN W COLE B ENG61
JUDITH MARY COLLINGE M SC(N)73
MRS NATALIE A COLLINS B SC49
LYNNE COLSON B SC75
CARMAN R COLWELL B COM56
SALVATORE J COMPAGNONE M D60
J P GERARD COMTOIS B ENG60
HARVEY A CONDY B ENG60
ROBERT FRED CONN B A74
JAMES E CONNOLLY D D S39
FRANCE CONOCHIE B SC63 M D67
LARRY B CONOCHIE M D67 M SC76
ALAIN CONTANT B A72 B C L75
C STUART COOK B ENG60
CHRISTOPHER G COOK B ENG48
HARRIET COOPER B A75
HOWARD B COOPER B ENG44 M ENG47
JAMES HAROLD COOPER B SC(AGR)38
LORNE COOPER B ENG68
ROBERT M COOPER M D49
SAM COOPER
STEPHEN LYONS COOPER B A74
STEWART R COOPER M D43 B A43
A ARTHUR COOPERBERG M D42 M SC49
DANIEL COORSH B A35
DONALD F COPE B A56 B C L59
MRS CAROL K COPELAND
E BRUCE COPLAND B A22 M A32
C V B CORBET B COM34
PERCY E CORBETT B A13 D C L61
J COREJ B ENG57
MRS GLORIA COREY
MRS CHARLES CORKIN M SC(APP)61
P H D64
W FREDERICK CORKRAN B ENG46
PIERRE CORMIER B ENG50
MRS CHARLES R CORNEIL B A37
E D CORNELL COM38
ROBERT E CORRIGAN B COM49
STEPHEN D COSTELLO B SC50 M D54
PIERRE COTE
VIOLETTE L COUGHLIN B SC(ARTS)28
B L S38
* WILLIAM J COULDWELL M D50
R J BLANCHE COULTIS M A49
NORMAN G COUREY B SC51 M D55
JAMES H COURTRIGHT B SC68
PATRICIA COURTRIGHT B SC71
LEO J COUSINEAU B ENG49
C FRANCOIS COUTURE B C L69
MARK M COUTURE M D74
ROBERT A COUZIN B C L72
DAVID COWAN B A23
WILLIAM COWAN P H D76
JOHN R COWANS B ENG64
MRS ALEXANDRA COWIE B SC50
GEORGE A COWLEY B A51
BETTY LOU COWPER B A35
GEORGE V COX B ENG56
GORDON COX B SC70
KIRWAN H COX B A69
JAMES J COYLE M A48
DOUGLAS B CRAIG M D65 M SC70
MRS DOUGLAS B CRAIG B SC60
ROBERT E L CRAIG M D62
SUSAN M CRAIG B ED63
HARRY I CRAIMER B COM33
DEREK G CRAIN B ARCH69
JOSEPH H CRAMER B SC71 M D75
GERALD B CRANSTOUN D D S51
BERNARD SYDNEY CREIGHTON
GORDON L CRELINSTEN B SC68 M D70
DAVID CREVIER L L B73 B C L74
JOHN A CROCKER B COM65
JEREMY C CROGGON B COM60
JOSEPH F CRONIN D D S58
CLAYTON H CROSBY M D37 DIP MED47
MRS GLORIA A CROTIN B N59
R KEITH C CROUCH B L S50
TERENCE W CROWE B ENG55
CLARENCE R CROWELL B A49 P H D55
DOUGLAS E CROWELL B A53 M D57
FRANCIS A CROWLEY D D S51
CHARLES N CROWSON M D49
RICHARD L CRUESS
SYLVIA CRUESS
GORDON H CRUTCHFIELD D D S38
ROBERT B CRUTCHFIELD B SC71 D D S75
CHARLES E CRUZE
IAN L CUBITT B SC(AGR)62
ROBERT C CULLEY
MRS DAVID CULVER B SC47
MICHAEL C CULVER B COM75
N EILEEN CUMMINGS
THOMAS L E CUNARD B ENG64
DAVID L CUNDALL B SC67
F PETER CUNDILL B COM60
RICHARD A CURRIE B SC46 M D48
MRS ERIC A CUSHING B A25
E A CYR
STANLEY L CYTRYNBAUM B A59 B C L64
NICHOLAS J D'OMBRAIN B A65 M A66
JOHN A D'URSO B SC53 M D58
LYUBICA DABICH M D60
JACQUES DACCORD B ENG53
DIP MGMT61
GEORGE H DAGG D D S75
JOSEPH H DAGHER P H D68
M E JOHANNE DAIGLE B SC79
MRS HENRY DAINOW B COM35
FENNER F DALLEY B COM38
WILLIAM R DALRYMPLE B ENG54
DEBORAH S DANOFF B SC69 M D73
GERALD DANOVITCH
MRS KENNETH H DARLING B SC48
ROBERT J C DAVID D D S62
JOHN T DAVIDSON B SC64 M D68
* J ROSS DAVIDSON M D29
O MARGARET A DAVIDSON B COM52
MELVYN A DAVINE B SC67
F ANDREW DAVIS M D63
JOHN F DAVIS M ENG49 M D50
MRS KYRA EMO DAVIS B SC53
LAWRENCE A DAVIS B A56
ROBERT S DAVIS M L S73 M B A80
TERENCE DAVIS B A78
DONALD H DAVISON M D57
JOHN H DAWSON B A56 B C L59
JAMES H DAY M D59
CHARLES DAYKIN M D34
THOMAS D DE BLOIS B A42
RAFAEL DE BOYRIE M D29
ARTHUR DE BREYNE B ENG49
PIERRE DE GRANDPRE B C L48
LOUIS P DE GRANDPRE B C L38 L L D72
P MICHEL DE GRANDPRE B C L65
JEAN DE GUISE B ENG50
NAPOLEON DE LA FUENTE
DENNIS P DE MELTO M A63 P H D70
HUBERT DE MESTIER DU BOURG
L L M70 D C L74
ARMAND L C DE MESTRAL B C L66
WM W H DEAN B ENG37
SIDNEY A V DEANS B SC39 P H D42
J DAVID DEJONG M D50
N V DELBEL M D43
YVON D J DELISLE B ENG56
D W H DENTON
G DOUGLAS DENTON M D45 DIP MED51
PHILIP DERKZEN VAN ANGEREN B SC77
PIERRE DESAUTELS B ENG77 M ENG80
A W Y DESBRISAY B SC(ENG)27
ROGER DESERRES B COM37
DENNIS S DESKIN B ARCH59
MRS C A DESOER B SC52
MICHAEL FERNAND DESROCHERS B SC78
JOAN DEVRIES M D45
BENJAMIN G W DEW M D61
JAMES P DEWAR B SC36 M D39
A WARNER DEWEY JR M D57
HARJIT DHILLON
LEONARD B DI RE B SC53
MRS JEAN DIACOVO
MRS ALLAN C DIBBLEE B SC(P E)48
ROBERT W DICKSON
JOSEPH DICKSTEIN B COM51
DONALD P DIDELIUS M D62
BETTY DIKE B A32 M A37
F DIMMOCK B S A23 M S A26
JOHN J DINAN M D34
MRS ROBERT A DINGWALL M S W66
WILFRID DINNICK JR B A61
ANDRE RAYMOND DIONNE
THOMAS JULIAN DIXON B ENG73
DAVIN C DOBBIN B ENG32
J ARTHUR DOBSON M D49
R NESBITT DOBSON B ENG35
VIRGINIA L DOBSON B A70
SUSAN DODDS-HEBRON B A79
CLEVELAND E DODGE III B A71
LESLIE L DOELLE M ARCH64
LESLIE A DOGGRELL B SC46
DANIEL DOHENY B A39 B C L47
MRS D'ARCY R DOHERTY B A64
RONALD P DOIG B SC60 P H D64
DAPHNE A DOLAN B A63 B L S65
EVERITT P DOLAN M D50
ALEXANDER DOLNYCKY B ENG75
ROBERT G DONALDSON D D S58
ELAINE DONNELLAN M D49
LAWRENCE DONOGHUE B SC(AGR)52
LOUIS DONOLO JR B ENG58
ARTHUR L DONOVAN M D29
A BURKE DORAN B A58
JANET LOIS DOREY B SC75 D D S77
H RUDOLF DORKEN B SC(ENG)18
WALTER R DORKEN B ENG33
STEPHEN DORSEY ENG60
DONALD B DOUGHERTY B COM48
MRS MONTEATH DOUGLAS B A36
M S W67
ROBERT J DOUGLAS B ENG50
VIRGINIA DOUGLAS
W BLAIR DOUGLAS B COM55 C A58
LILLIAN G DOUGLASS M SC(N)74
MRS JANETTE DOUPE M ED73
JEAN E DOUVILLE B COM58
MRS PEARL T H DOWNIE M S W65
BERNARD J DRABBLE B A45
THOMAS S DRAKE B ENG37
M C DRESSLER
FRANCES SELYE DREW M D42
LEONARD L DRUCKMAN B SC48 D D S54
MRS LEONARD L DRUCKMAN DIP ED47
DENIS S DRUMMOND B A57 M D62
MRS DEREK A DRUMMOND B A61
BARBARA M DRURY B A69
L ANNE DRURY B A42
JANET E DRYDEN B ED(H EC)70
GERALDINE A DUBRULE B SC(P E)57
W MOSSMAN DUBRULE B A27
JAMES A DUFF
JAMES C DUFFIELD B SC54
PETER R DUFFIELD B ENG59
LOYOLA I DUFFY D D S37
JEAN-PAUL DUFOUR B C L58
F E DUGDALE M D33
ALAN T DUGUID B SC75
GARFIELD DUNCAN M D23
DONNA N DUNCAN B L S62 M L S68
J BROCK DUNDAS B SC55 M D59
GEORGE M DUNDASS D D S44
ROBERTA DUNDASS D D S47
JOHN G DUNN B COM57
LEO J DUNN B SC49
MRS TIMOTHY H DUNN ARTS45
MRS W H S DUNN S W41
GERALD J DUNNE B ENG44
HENRY B DUROST M D50 DIP MED55
RICHARD S DUTTON M D63
JOHN J DYMENT B COM53
ROBERT ALAN EAGLESON
WILLIAM R S EAKIN B COM65
DIP MGMT72
ARTHUR P EARLE B ENG49
MRS NORA J EARLE B N70
ERICA L EASON M D79
JOHN M EASSON B COM23
EDMOND G EBERTS B SC60
LINDSAY F EBERTS B COM66
ARNOLD J ECHENBERG B COM57
DONALD ISRAEL ECHENBERG B SC71
M D76
MYRON J ECHENBERG B A62 M A64
MRS PHILLIPPA ECKERT B COM49
J LEON EDEL B A27 D LITT63
DAVID S EDELBERG B ENG63
RALPH S EDMISON D D S43
ROBERT H EDMISON D D S68
DE IRDRE M EDWARD
FRANK J EDWARDS M D43
MURRAY A EDWORTHY M D51
NICHOLAS EHRENFELD D D S54
MARTIN EIDINGER B SC51 D D S53
MRS MARTIN EIDINGER B SC51
M SC(APP)72
LAURENCE EKE
BRYAN A EKREN D D S63
JOHN M ELDER B SC49 M D51
MRS JOHN M ELDER B A46 B L S47
ROBIN H ELEY B COM80
MILTON ELIASOPH B ARCH32
HOWARD L ELLIOT B A22 M D29
MRS R FRASER ELLIOTT B A50
C DOUGLAS ELLIS B A44 P H D54
WILLIAM F ELLIS B SC70
ARCHIBALD D ELLISON
LESLIE T ELLYETT B COM36
JOHN R EMERY D D S76 M SC79
JOHN C EMO B COM23
J VERNON EMORY B COM38
LESLIE H C EMSDEN M D52
MILTON ENGEL
W KING ENGEL M D55
* NICHOLAS D ENGEL B COM48
STANLEY F ENGLISH B A57 B C L60
JOHN W ENSINCK B SC52 M D56
MARTIN A ENTIN M SC42 M D45
SEYMOUR EPSTEIN B ENG62
PAOLO ERMACORA B ENG78
WILLIAM ERRINGTON B COM50
G W ERSKINE SC33
ENRIQUE ESPINOSA
ROBERTO L ESTRADA B SC42 M D43
ALLAN ETCOVITCH B SC68 D D S70
ALLEN ETCOVITCH B SC60 M SC(APP)63
CHARLES HOWARD EVANS JR M D37
HARRY H EVERETT M D42
C FRED EVERETT B SC(AGR)48
MRS C FRED EVERETT B SC(H EC)48
MRS HARRY H EVERETT ARTS42
KENNETH EVOY B SC75 M D80
LEO M EWASEW M D56
RICHARD JOSEPH FAGAN
* CHARLES O FAIRBANK ENG27
ROBERT FAIRCLOTH
MICHAEL FALK B SC52
GEORGE G FALLE B A35 M A37
RICHARD H FALLON B COM49
WILLIAM K FALLS B SC35
HENRY F FANCY M D45
MRS F A FARROW M L S69
MICHAEL A FARRUGIA B ENG65 M B A68
J HUGH FAULKNER B A56
MRS ABIGAIL P FEARON B A57
HAZEL R FEE B ED78
H ERIC FEIGELSON B A29
GEORGE I FEKETE B ENG54 P H D70
MARK JOEL FELDMAN B COM67 B C L70
EDWARD ARNOLD FELLOWS D D S62
WARREN ALAN FELSON B ENG73
MRS D S FENSOM B MUS29
JOHN D FENWICK B SC56 D D S58
CHARLOTTE I FERENCZ B SC44 M D45
CHARLES A FERGUSON M D57
ELDON FERGUSON
JAMES B FERGUSON B ENG35
JOHN M FERGUSON B A49 M D53
ROBERT M FERGUSON B ENG51
ILAY C FERRIER B COM48
YOLANDE FERRON B A81
MRS FRANK FIDLER DIP S W30 M A32
STORM E D FIELD B A70
ROBERT A FINDLAY P H D37
MRS ROBERT A FINDLAY B A36
ROBERT G FINDLAY B SC46
RONALD F FINDLAY B COM55
WILLIAM N FINGLAND B SC47
N R T FINK M D53
HARRY FINKELSTEIN B SC42 B COM44
MICHAEL F FINKELSTEIN B SC61
WILLIAM E FINKELSTEIN B SC39 M D41
JOHN POWERS FINLEY M D73
M ALISON FINNEMORE B A46 B L S47
WM R FIRLOTTE B SC45 M SC(AGR)47
PHYLLIS FISCHER M D55
MRS MICHAEL J S FISH B A56 M S W59
MORRIS J FISH B A59 B C L62
MRS MORRIS J FISH B A65
* GARRICK P FISHER B COM68
GLEN T FISHER B ENG57
J BERT FISHMAN P H D60
MAXWELL FITCH B SC38 M D43
VAL L FITCH B ENG48
LOUIS F FITZPATRICK B ENG43
JOHN J FLAHIVE M D48
DAVID J FLAM B SC62 D D S66
MICHAEL E FLANDERS B SC66 M D70
LEONARD W FLANZ B A61 B C L64
GEORGE G FLATER B ENG50
HARRY B FLEMING D D S49
RONALD A FLEMING B COM63
JOHN D FLINTOFT B ENG51
MORTON FLOM B ENG49
EDWARD FLOMEN
HENRY J FLOOD M D55
NICHOLAS J FODOR
MRS J FOK
PETER H FOKSCHANER B ENG46
JANOS FOLDVARI
WM HINN FONG B SC(ENG)28
J C FORBES P H D25
OTTO L FORCHHEIMER B SC47
ALASTAIR D FORDYCE B SC71
OTTO L FORGACS P H D59
J M FORSYTH
CLEMENT FORTIN B COM45
GUY FORTIN B SC72 B C L76
ROBERT A FORTUINE M D60
RODERICK C FOSTER B COM53
JOHN B FOTHERINGHAM B SC52 M D54
BARBARA EVELYN FOWLER B ED72
ZELDA FOX
ROBERT W FRANCIS M D68
STEPHEN F FRANCIS B SC65 DIP MGMT71
LEOPOLD FRANCOEUR B COM49
FRANK L FRANI D D S59
ELEANOR FRANK-SILVER B A54 M S W56
GERALD FRANK B SC45
HERBERT B FRANKENBERG B L S61
M L S73
SAMUEL B FRANKLIN B COM23
SUZANNE M FRAPPIER B A76
CLARICE B FRASER B A24
DAVID C FRASER B SC49 M D51
DAVID R FRASER B A38 M A39
DORIS S FRASER B F A52
F CLARKE FRASER P H D45 M D50
OSWALD L K FRASER B SC(AGR)48
ROBERT F FRASER B ARCH48
SHEILA S M FRASER B COM72
WILLIAM M FRASER D D S62
ARTHUR N FREEDMAN M D55 M SC58
DANIEL FREEDMAN
IRWIN FREEDMAN B A56
MRS SAMUEL O FREEDMAN B A52 M A55
JAMES H FREEMAN M D59
DONALD H FREEMAN M D59
MARY C FREEMAN B H S41
HOWARD FREEZE D D S55
ARTHUR D FRENCH B SC48 M D50
DONALD H FRENCH B SC54
GEORGE P FRENCH D D S52
SAUL FRENKIEL B SC67 M D71
CONSTANCE FRIEDMAN B SC41 P H D48
HERBERT DAVID FRIEDMAN B COM44
JERRY J FRIEDMAN B COM53
PHILIP FRIEDMAN B COM58
SYDNEY FRIEDMAN M D40 P H D46
MRS THEODORE W FRIEND III B A55
WILLIAM DONALD FRIEND
STEPHEN J FRISHLING B COM71
MADELEINE A FRITZ B A19
JOHN W FROST M D36
STEWART G FROST B ENG50
HEINRICH FUERST DIP MED59
MRS G LLOYD FULFORD DIP S W30 M A30
JOHN A FULLER B COM50
PETER C FULLER B ENG39
DOUGLAS H FULLERTON B COM39
M COM40
MRS FRASER F FULTON B H S27
EDWARD J FURCHA B D63
THOMAS G FYSHE B A31 M D36
E PETER GABOR M D59 M SC64
ANTHONY V GABRIEL
MRS R K GAD B A30
ANN A GAGNE B SC71 M D75
MRS HELENE GAGNE B C L71
MRS JOAN GAGNE
ALBAN J GAGNON
NORMAND C GAGNON B ARCH56
NORMAND GAGNON
EDWARD GAIOTTI B ENG76
JOHN S GALE M D47
CLARENCE A GALL B SC68 P H D74
A HARRY GALLEY B COM24
JOHN H GALLOWAY B A60
MRS T M GALT B A42
AMY GALVIN B A75 M B A77
FRED GAMBLE B ENG34
MYER GAMEROFF B C L25
ROBERT G M GAMMELL B A27 B C L30
PHILIP C GAMPEL B SC66 D D S70
JOHN W GAMWELL M D63
MRS BERNICE L GANG B N75
JOSEPH M GANNON M D35
NATHAN GANS B ENG45
JAMES E GARDNER COM33
MARSHA L GARDNER B A68
MRS U PAUL F GAREAU B SC50
ABRAHAM L GARELLEK D D S61
MRS BRUCE SIMPSON GARLAND B A69
MARGARET I GARLICK B SC35
MRS EDITH-ANN GARNEAU
RAINIERI DOMENICO GAROFALO B ENG72
RITA GARULLI M D76
IVAN G GASOI B SC65 D D S69
MRS R H GAULT B SC(PO T)54
MRS RICHARD H GAUNT B SC53
JEAN G GAUTHIER B ENG50 M ENG79
SHIRLEY JANE GAVLAS B SC(AGR)81

*Deceased

WILLIAM H GAVSIE M D27
W W GEAR
DURWARD BELMONT GEFFKEN
PETER H S GEGGIE M D66
MRS HINNERK GEHRING B A67
MORRIE M GELFAND B SC45 M D50
MRS HARRIET E GELLIS B S W77 M S W79
KENNETH R GEMMELL B A35
DAVID E GENSER B A62
GUILLAUME GEOFFRION M A70 P H D74
JOSEPH R GERACE M D47
GUY GERIN-LAJOIE B ARCH56
LYNN B GEROW M D67
SERGIUSZ GERSZON B COM73
PIERRE GFELLER M D80
FRED G GHANTOUS B COM54
JULIAN F GIACOMELLI B SC63 D D S65
NICK GIANNONE
FRANK M GIBSON B COM40
MRS FRANK M GIBSON B A39
J A GIBSON D D S51
MIRIAM L GIBSON CERT NUR27
ROBERT H GIBSON B A66
BARBARA B GILBERT M D43
GORDON L GILBERT M D37
JOHN E GILBERT M D43
MAURICE GILBERT
JOAN C GILCHRIST B A37 B C L48
EDWIN G GILES JR B SC(AGR)66
BRUCE GILL B A69
ROBERT J GILL B ENG48 DIP MGMT65
R HAMPSON GILLEAN B SC(ARTS)28
MRS R HAMPSON GILLEAN B A36
ELIZABETH GILLESPIE B SC57 P H D66
KATE M GILLESPIE B A21
THOMAS S GILLESPIE B A59 B C L63
C S GILLIATT B SC(AGR)47
DEIRDRE M GILLIES DIP MED55
ELIZABETH GILLIES M A41
JOHN G GILLIS M D49
LUCIUS GILMAN P H D36
DOUGLAS W GILMOUR B A40
G RALPH GIRVAN M D36
SAMUEL A GITTERMAN B ARCH35
L S GIULIANELLI B SC(ARTS)28 M D32
MEREDITH G GLASSCO B COM31
PETER B GLASSFORD B COM54
MRS ALEXANDER F GLEN DIP P E26
RAYMOND GLENN B A76
HARRY GLICK B SC58 M D62
HYMAN GLICK M D65 M SC66
IRWIN GLICKMAN M SC45 M D49
GABRIEL GLUCK B SC68 M D72
HENRIETTE GNAEDINGER DIP P E17
P E GNAEDINGER ENG22
CARLETON N GODDARD B SC49
RICHARD O GODE M D60
MRS RICHARD O GODE B A60
ELLIOT GODEL B COM50
MORRIS GODEL B SC54
ROBERT P GODIN B C L62
MORTON R GODINE B A38 M A39
JOHN GOGLUSKA B SC(ARCH)75
B ARCH77
THOMAS H GOLBERG B SC64
ALAN B GOLD
ALLEN GOLD M D42 M SC48
JACK A GOLD
MRS JOHN M GOLD B N68
* SAMUEL GOLD B A29 M A31
SIMON GOLD M D40 M SC45
RICHARD B GOLDBLOOM B SC45 M D49
MRS HARVEY GOLDEN B A31
H CARL GOLDENBERG B C L32 L L D66
EDWARD S GOLDENBERG M A71 B C L74
MRS H CARL GOLDENBERG B A44 M A66
MORRIS GOLDFINGER B SC71 M D75
HERBERT B GOLDMAN B ENG57 M ENG64
LEWIS H GOLDMAN B A62
MARVIN GOLDSMITH B COM55
MRS CHARLES H GOLDSTEIN DIP S W30
M GOLDSTEIN
NORMAN JOSEPH GOLDSTEIN B SC75
YOINE J GOLDSTEIN B A55 B C L58
MYER GOLFMAN B A31 M D36
MRS PETER GOLICK B SC49 P H D77
GEORGINA GONSALVES
CECILIA H GONZALEZ B A76
MRS DONALD GOOD B A47 B S W48
R GRAYDON W GOODALL M D53 M SC56
MRS GEORGE D GOODFELLOW
DIP MGMT35
LAWRENCE GOODFRIEND B SC44 P H D61
MRS R J GOODIER B SC62
MRS MORTIMER GOODMAN B A32 M A35
STANLEY J GOODMAN B A31 M A32
WILLIAM E GOODMAN B A42 M D43
WOLFE GOODMAN
MARTIN B GOODWIN M D48
NORMAN LUSBY GOODWIN M D47
MURRAY GOODZ B ARCH64
NAOMI S GOODZ B A63 P H D77
ALAN GORDON
MRS DONALD GORDON B A43
ELIZABETH M GORDON B A68
LOUIS GORDON B ENG58
NEWTON C GORDON B SC66 D D S70
GERALD V GORESKY B SC68 M D72
GILMAN R GORING B ENG39
WILLIAM GOSSAGE B A49 M D53
GORDON J GOSSELIN B COM49
LYNN GOTH
ROBERT GOTTSCHALK B SC(ENG)31
JACQUES R GOUDREAU B ENG51
* W F GOUGH M SC27 M D34
FRANKLIN M GOULD M D52
KEITH P GOULD B ENG48
SERGE GOUROFF D D S51
BERNARD GRAD B SC44 P H D49
J WALLACE GRAHAM M D60
MRS GAVIN T GRAHAM B A32
LINDSAY A GRAHAM B SC53 M D55
FRANK A GRAINGER M D43 DIP MED57
JAMES A GRANT B A58 B C L61
JANET LESLIE GRANT B A74
WILLIAM J GRANT B ENG40
MRS WILLIAM J GRANT B A44
COLIN A GRAVENOR JR B A64 B C L67
R H GRAVES D D S43
DONALD A GRAY B SC(ENG)25
JOHN H GRAY B ENG52
THOMAS H GRAY B ENG60
RONALD MICHAEL GREAVES B SC74
C GREEN
R GLEN GREEN M D47
MORRIS GREENBAUM B ARCH60
SAM GREENBERG B ENG56
SELMA J GREENBERG B A71
MRS D J GREENE B L S48
SAUL GREENFIELD B COM48
HERBERT JOHN GREENIAUS B COM66
MRS PENELOPE GREENLER B ED(P E)72
ALEXANDER GREENSPOON B ENG51
FRED A GREENWOOD B SC50 M D54
NAN V GREGG B L S36
JACK GREGORY B ENG34
BRIAN D GREGSON
JULIUS H GREY B C L71 M A73
WILLIAM J GRIER B COM55
NEVILLE GRIFFITH M D40
VICTOR B GRIFFITHS D D S50
COLIN D GRIMSON B A58 M A66
G A GRIMSON B COM25
SIMPSON V GRISDALE B ENG36
ARNOLD J GROLEAU B SC(ENG)28
MARTIN GROSS
KNUT GROTTEROD B ENG49
ERNEST H GRUBB M D48
PETER H GRUNER M D59
NERI P GUADAGNI B A38 M D42
T IVAN GUILBOARD D D S36
FERNAND E GUILLEMETTE M D73
GEORGE C GUILLON B SC68
ARSHAVIR GUNDJIAN
CHARLES S GURD B SC38
MRS DAVID S GURD B A33
FRASER N GURD B A34 M D39
A DEREK GUTHRIE B A57 B C L60
DAVID G GUTHRIE B SC43 M D44
JOHN E GUTHRIE B SC50 M SC55
FRANK M GUTTMAN B SC52
IRWIN GUTTMAN B SC51
HARVEY GUYDA
D ANTONIO GUZMAN B A58 M D60
MRS ELKE E HAAS B SC(N)65
JAMES H HABEGGER M D64
PETER HABERL B SC77
EDWARD C HAGUE B SC(ENG)23
ALFRED H D HAIBLEN B ENG46
SAUL HAICHIN
JOHN F HALDIMAND B COM47
MRS A F HALE B A21 P H D35
BURT B HALE B SC47 M D49
JOHN H HALE
JOHN E HALL M D52
GEORGE W HALL B C L37
C DENIS HALL B ENG60
H BRIAN HALL B ARCH59
MRS GEORGE C HALLIDAY B A26
RUBY M HALLIDAY
ROGER W HALLIN M D52
KENNETH HALLSWORTH B SC36
EARL S HALTRECHT B SC67 D D S69
THOMAS M HAMBLIN B ENG65 M ENG74
HUGH A HAMILTON B SC49 P H D53
MRS HUGH A HAMILTON B SC48
WILLIAM M HAMILTON B COM47
DAVID IAN HAMMOND M D72
DAVID HAMOVITCH
LAWRENCE G HAMPSON M D49 M SC53
W H D HANCHET B ENG46
MRS BARBARA HANDRAHAN B A68
M ED77
CHANG CHOON HANG M B A77
ALLEN J HANLEY B ENG51
MRS HELEN BUDD HANNA M A75
MRS JOAN HANNA B A35 M ED72
BARBARA HANNACH M D78
DEREK A HANSON B A54 B C L57
ANGUS A HANSON M SC(AGR)46
MRS ANGUS A HANSON B SC(H EC)46
M SC(AGR)48
PAUL P HARASIMOWICZ D D S61
MRS DONALD HARE B SC52
M J HARKINS M D32
JAMES HARKNESS B COM56
MRS THOS HARKNESS B A14 M SC16
GORDON G HARLEY B ENG41
DONALD G HARRIS M D55
MRS EDWARD HARRIS B A60
G B CLIFTON HARRIS B SC45 M D50
JOHN G HARRIS B ENG71
RICHARD C HARRIS B A22 M A24
MRS DAVID K HARRISON B A41
MRS DENT HARRISON B A32
LAWRENCE ELLIOT HARRISON
R DEX HARRISON B ENG34
ROBERT P HARRISON B COM35
ROBERT WM HARRISON
CHARLES M HART B SC65
CHRISTOPHER C HART B ENG56
MRS CHRISTOPHER C HART B A56
RICHARD M HART B A65
STANLEY H HARTT M A61 B C L63
DONALD F HARVEY M D60
ROBERT F HARVEY D D S41
JEAN E HARVIE B A35 M A36
T A HARVIE B ENG41
JAMES S HASEGAWA B SC56 D D S58
MRS HUGH E HAVEN JR B A54
LLOYD S HAWBOLDT B SC(AGR)38
M SC(AGR)46
ROMA Z HAWIRKO M SC49 P H D51
DONALD R HAY P H D52
DOUGLAS L HAY B SC(AGR)57
MRS GEORGE HAYTHORNE B A33
CHARLES G HAYWARD B ENG51
TIMOTHY WILSON HEAD D D S76 M SC80
MRS GERMAINE M HEADLEY
R E HEARTZ B SC(ENG)17
E SHELDON HEATH B SC53 M D57
JEAN-GUY HEBERT B SC71
ROY C HEDBERG B ENG67
ROY M L HEENAN B A57 B C L60
JAMES L HEFFERNAN M D51
FRANK HEGER
* A E HELD B A26 M D30
ALAN HELD B SC53 P H D67
BRIAN HELLER B C L75 L L B78
IRVING H HELLER M D50 P H D62
JOHN G HELLSTROM B SC50 M D54
NORMAN E HENCHEY P H D69
MYER HENDELMAN B A38 M D40
ANN E HENDERSON B N70
ARTHUR A M HENDERSON B SC(P E)48
BRUCE HENDERSON B SC66
DOUGLAS G HENDERSON B SC(AGR)42
IAN GORDON HENDERSON B SC(ENG)26
JOHN M HENDERSON B SC40
ROWLAND E HENDERSON B A33 M D38
ALAN T HENNESSEY M D58
JOHN F HENNESSEY M D53
ROSS A HENNIGAR B SC(AGR)51
GEORGE L HENTHORN B COM49
ROBERT E HENTSCHEL M D59
J A LYONE HEPPNER
ANDREW A HERCUN B ENG79
AGNES M HERD B N66 M SC(APP)72
ROBERT HERDMAN B ENG50
LAWRENCE T HERMAN B SC68
MORRIS HERMAN M D26
PETER HERMAN B A81
STEVEN HERMAN B SC68 M D72
ARNOLD JOHN HERON
E MELVYN HERSHENFIELD B SC63
D D S65
KENNETH L HERSHENFIELD B SC70
D D S72
HYMAN P HERSHMAN B ENG45
MRS CHARLES HERSHORN B A30
C W HERTEN-GREAVEN B SC65 D D S70
MRS HAROLD G HESLER B COM27
ROBERT W HESLOP B SC(AGR)53
MATTHEW L HESS B ENG64
E PETER HEYBROEK B COM46
PAUL HEYMAN
MRS PAUL HEYMAN B SC49 M P S51
D RONALD HICKEY B ENG50 B SC63
ERIC C HICKEY D D S61
EUGENE J HICKEY D D S41
JOHN H HICKMAN III
A R HICKS M D43
BEN CHURCH HICKS B SC(ENG)27
RAYMOND F HIGGINS M D37
HOWARD A HIGGINSON B COM49
ALLAN C HILL M SC27 P H D29
J GILBERT HILL M D56
W H PHILIP HILL B A30 M D34
DONALD A HILLMAN M D51 P H D65
JAMES D HILTON M D69
ALLAN HILTON B C L73 L L B74
JAMES H B HILTON M D38
CHARLES V HILTZ B SC(AGR)68
E J HINCHEY M SC63
ROBERT P HINDS M SC(AGR)71 M B A79
JAMES HING
GEORGE G HINTON B SC51 M D55
ALEXANDER S HLEDIN D D S67
MARGARET J HOBBS B A70 M ED77
WALTER HODDER B SC48
ALLAN A HODGSON B A58
MRS J ARCHIBALD HODGSON B A30
RICHARD C HODGSON B SC55 M SC56
MARTIN M HOFFMAN P H D43 M D47
ROY HOFFMAN
MARY HELENE HOGAN
ROLAND HOK M D59
GEORGE H HOLLAND B COM49
HARVEY HOLLINGER M D52 M SC58
REGINALD HOLLIS B D56
STANLEY W HOLMES B SC49 M SC50
ALAN B HOOD M D56
LYON HOOD
LYNDON G HOOKER B SC(AGR)59
WILLIAM TEMPLE HOOPER B SC44 M D45
D A HOPGOOD D D S52
G L HOPKINS B ENG52
ISYDORE HORN
JOHN HORNE B COM60
DOUGLAS H HORNER B SC50
JAMES F HORWOOD M SC33 P H D35
ROBERT T HORWOOD B SC63
NABIL HOSSARI B ENG79
JOHN R HOUGHTON B ENG35
TIMOTHY P HOULIHAN M U P76
JAMES HOUSLEY
DANA H HOWE M D49
HERVEY L HOWE B ENG50
JAMES R HOWEY B SC49 M D51
STEPHEN A HOWICK B A65
JOHN HOWIE M D27
R E HOWIE B ENG44
PETER A HOWLAND M D61
PETER A HOWLETT B C L66
EDUARD HOYER B ENG67
KENNETH S HOYLE B ENG47
ANDREW HRNCHIAR B SC56 M D58
ALEX S HRYCAY B ENG64
WALTER HRYCYNA B ENG77
ROBERT DOUGLAS HUDSON B ENG79
STEVEN HUEBNER B A77 L MUS78
ANDREW K HUGESSEN B ENG49
JAMES M HUGHES B COM62
D CERI HUGILL B A67
WILLIAM J HULBIG B A35 B C L38
BARRY G HULL B ENG63
JOHN P HUMPHREY B C L29 P H D45
ALFRED C HUMPHREYS B SC51 D D S52
A W S HUNTER B S A32 P H D37
C GEORGE HURLBURT ARTS64
ALFRED M HURTER B ENG46
JULIEN R HUTCHINSON B COM51
EILEEN B HUTCHISON B A25
MRS GEORGE HUTCHISON B COM24
J LAWRENCE HUTCHISON B SC49 M D53
W LESLIE HUTCHISON B ENG34
WILLIAM G HUTCHISON B ENG62
WILLIAM H HUTCHISON B ENG33
LINDA C HUTTON B SC63 M D68
MRS M VERONICA HUVELLE B SC66
PILL J HWANG D D S69 DIP DENT70
BRAHM B HYAMS B SC52 M D56
ROBERT L HYDE M D62
MRS EARL K HYDE B A43
DAVID B HYNDMAN B COM57
RENALDO IADELUCA
J WILLIAM IBBOTT M D54
GEORGE W ILOTT B ENG50
JAMES A INKPEN B SC(AGR)60
J FLOYD INNES B A25
MRS W DOUGLAS INNES B A40
JOHN M IONSON B SC(AGR)67
M SC(AGR)69
NORMAN E IRONSTONE B SC66 D D S70
MRS R L IRWIN B A51
GEOFFREY H ISAAC B SC51 M D55
BERNARD L ISAACS B A44 B C L47
MRS ROSS ISAACS B A50 B C L54
MAHER A ISHAK B ENG69
GEOFFREY B ISHERWOOD
ALLAN S ISRAEL B SC60 D D S65
MRS SYLVIA IVANSKI
JOHN W IVANY B A65
JAMES E IVERSEN B A49 M A51
MRS JAMES E IVERSEN B A49
MRS MARY E JACKSON B ED63 M ED69
WILLIAM BRUCE JACKSON
EDWARD N JACOBS COM32
SIMON JACOBSON B SC64 D D S66
KENNETH JACQUES M D37
VALERIE A JAEGER P H D79
CLARENCE E JAMES B SC52 M D56
KENNETH F JAMIESON M D49
S DAN JANCO B ENG61
MRS NEWTON E JARRARD ARTS39
GUSTAVE JAWORSKI
CHARLES H JEFFERSON B SC(AGR)47
JOHN R JEFFERY B SC64 M D68
MRS W GORDON JEFFERY B SC51
D BRUCE JEFFREY B ENG48
JOHN W JENKINS ARTS27
* LLOYD H JENKINS M A30
MICHAEL A JENKINS B COM66
MRS NORMAN H JENNISON DIP P E34
MONA L JENTO B SC(AGR)48
MRS JOSEPH JETTER B H S38
WINFRED JHU B ARCH66
STELIANOS JOACHIM
GEORGE E JOHNSON JR M D74
DAVID M JOHNSON B ENG55
* EDWARD H JOHNSON B SC(ARTS)30
MRS FORREST JOHNSON B A38
H DAVID JOHNSON B ENG49 DIP MGMT69
J PETER JOHNSON B COM54
K ALLAN JOHNSON B COM74
L ERLE JOHNSON B SC(ENG)17
N D JOHNSTON JR B COM47
C DOUGLAS JOHNSTON B A31
AGNEW H JOHNSTON B A28 M A29
ALBERT C JOHNSTON M D53
CHARLES F JOHNSTON B A40 M A42
GORDON M JOHNSTON D D S52
MRS L J JOHNSTON B N65
ROBERT VICTOR JOHNSTON B SC71 M D76
W RITCHIE JOHNSTON B SC46
VINCENT M JOLIVET B ENG52
GEORGE W JOLY B ENG49 M ENG50
JOHN J JONAS B ENG54
LESLIE K JONAS B SC56
NEIL JONAS B ENG57
D CARLTON JONES B ENG37
EDWARD P JONES B COM50
GEOFFREY JONES
HUGH A JONES B COM51
MRS WOODROW A JONES B A41
STEVEN L JOO
GEZA JOOS M ENG74
GUY E JORON M D41
LARRY JOSEPH B SC78
JOSEPH LEWIS JOSPE B A72
H DEAN JOURNEAUX B ENG60
L MARCEL JOYAL B C L48
SHAO CHI JUE B SC70
JOAN E KABAYAMA B A50 M A58
MANUEL E KADISH B SC48
AMNON KAHN B SC52
PAUL L KAISER B COM58
REDMOND J KANE B ENG41
SALIM HUSSEIN KANJI B SC79
SAUL KAPLAN
MORTON A KAPUSTA B SC55 M D59
MRS GORDON M KARN B SC(H EC)45

RICHARD KARPER B ENG66
SIDNEY KASMAN P H D55
ISAAC M KATZ B SC64 D D S70
MYER KATZ B S W50 M S W51
MAX S KAUFMAN B A31 B C L34
FRED KAUFMAN B C L54
RICHARD IAN KAUFMAN B COM64
MARK I H KAUFMANN B A31 M D36
HARRY KAUSHANSKY B COM51
SIDNEY KAUSHANSKY B COM66
MRS J C KEANEY DIP P E21
RALPH G KEEFER B COM40
ROBERT A KEELER B ENG50
MARGO KEENAN B A75
MRS PATRICK J KEENAN B A54
JOHN J KEHOE B C L59
Z PETER KEKES B ENG57
ANDREW KELEN M D43 M SC48
MARIAN G KELEN B SC42 M D45
LINDA JANE KELLEY B A76
ARTHUR KELLNOR M D28
FRANCIS BERNARD KELLY M D73
GORDON P KELLY D D S22
JAMES F KELLY B SC(ENG)23
RONALD EARLEN KELLY B SC73 D D S77
SHARRON M KELLY B SC66
FRANCES OLDHAM KELSEY B SC34 M SC35
EDWARD J KELTY M P S54
GEORGE W KEMP B COM70
JOSEPH G KENNA B COM42
DUNCAN J KENNEDY D D S50
JOHN E KENNEDY M SC42
S MICHAEL KENNEDY D D S68
STEVEN F KENNERKNECHT B ENG80
STUART G KENNING M D56
JAMES C KENRICK D D S58
LEONARD E KENT JR B SC53 D D S55
K COLIN KENT B ENG50 DIP MGMT59
LLOYD P KENYON B ENG48
STEWART L KERBY B ENG57
MERVYN H KERMAN B COM52
MRS MORRY KERNERMAN B A56
MRS PETER F KERRIGAN B A46 M S W64
W A KETCHEN B SC(ENG)28
JOHN S KETTLES B A38 M D43
JOSEPH GERARD KEYES
NATHAN KEYFITZ B SC34
KWANG K KHO B ENG67
ROBERT F KIDD B SC66 M D70
DOROTHY J KIDD M A48
P EMMET KIERANS B C L48
PETER KILBURN
F R KILLAM B ENG37
FREDERICK M KILLAM B ENG41
RALPH J KIMMERLY B A46 M D50
GORDON F KINCADE M D31
P G KINDERSLEY B ENG52
MRS B WENSLEY KING B A35
GEORGE H KING B ENG56
JACOB H KING M D38
LLOYD S KING
MARGARET M KING B A51
ABNER KINGMAN B SC51
DANIEL KINGSTONE B A53 B C L56
DOUGLAS G KINNEAR B SC48 M D52
JOHN S KIRKALDY P H D53
K KIRKER
C KIRKLAND-CASGRAIN B A47 B C L50
VIVIAN B KIRKPATRICK B N52
ARCHIE KIRSCH M D40
LEONARD KIRSCH B ENG36
LEO S KIRSCHBERG M D39
JACK M KIVENKO B COM61
STANLEY I KIVENKO B COM63
B KLEKER M D29
OTTO KLINEBERG M D25 D SC69
ERIC J KLINKHOFF B A72
SCOTT F KNEELAND B SC(AGR)37
ALLAN KNIGHT B SC46 M D50
LAWRENCE KNIGHT B SC63 M D67
MRS LAWRENCE KNIGHT B A66
A F KNOWLES
DAVID C KNOWLES B A55 M A57
JOHN W KNUBLEY B ENG56
P RUSSELL KNUBLEY B COM51
GORDON H KNUTSON D D S52 M D58
DAVID K KOBAYAKAWA B SC66
ROBERT D KOBY B SC65 M D69
HORACE H KOESSLER M D38
WILLIAM KOFMAN B ENG47
ALLAN N KOHL B ENG68 M B A78
EUGENE KOLANKOWSKY B ENG59
MRS E LEO KOLBER B A55
GERALD M KONANEC D D S65
FRANS K KONG B ENG80
HALINA M KONIECZNA D D S75
KLAUS V KONIGSMANN B ENG58
HENRY KORMAN B SC44 M D48
JERRY J KOSTANDOFF D D S68
CARL R KOSTOL M D51
RONALD L KOURI B SC57 D D S59
MICHAEL KOVALIK M D48
J HERMAN KOVITS D D S59
WALTER KOWAL B A49 D D S55
HAROLD A KOZINN M D55
SOLOMON M KOZOL D D S37
DANIEL KOZUB
ARTHUR D KRACKE M D58
FREDERICK KRAENZEL P H D76
DONALD R KRAMER B SC61 D D S63
KATE KRANCK B SC59
RONALD M KRASNICK B SC65 M D69
MRS RONALD M KRASNICK B SC(N)70
HENRY KRAVITZ B A47 M D49
MRS HENRY KRAVITZ B N69 M SC(APP)73
HARVEY KREISMAN B SC65 M D69
FRANKLIN P KRUG
GENE H KRUGER
GEORGE R KUBANEK B ENG61 P H D66
CHARLES ROY L KUBE B COM79
STANLEY J KUBINA B ENG48 P H D73
TILLO E KUHN P H D57
MRS MALCOLM KUHRING B A16
KALMAN C KUNIN B SC41 M D43
CHYE KHOON HO KUOK B COM73
STEPHEN KWINTER L L B77
KAM-HUNG KWOK B ENG79
HELENA HO KWONG M D65
NORMAN N KWONG M D62
* PAUL L'ANGLAIS LAW31
DOMINIC LA SCHIAZZA B SC56 M D60
GUNNAR LAATUNEN B COM53
GERALD L M LACHAPELLE B COM48
A RICHARD LACHOWICZ D D S62
ARTHUR LACOURSIERE B ARCH36
MARIE-CLAUDE LACROIX
MRS HAROLD S LADD B SC41
LOUIS J LAFLAMME B ENG47
PIERRE LAFOND B ARCH53
CHARLES S LAFONTAINE B COM52
PETER J LAGENDYK B ENG53
LEO R LAHTI B ENG61
ARCHIBALD S LAIDLAW D D S65
GORDON LESLIE LAIDLAW B COM23
CHARLES A LAING M D52 M SC55
JOHN A LAING B COM33
W R VARDY LAING B SC38 M D40
L E LALLEMAND
ANTHONY K S LAM B SC60 M D62
THOMAS L W LAM B SC66 D D S71
ROBERT LAMARCHE
WILLIAM T LAMBERT B ENG50
VITA J LAND B SC61 M D65
ERIC P LANDE M A72 P H D78
LAWRENCE LANDE B A28 D LITT69
GEORGE LANDER M D60
BEN LANDS
G LOUIS LANFRANCHI B COM49
NICKI H LANG B SC60
MAURICE LANGLOIS B C L43
ROBERT PARHAM LANGLOIS B SC(AGR)79
ROGER H S LANGSTON M D65
FLOYD C LANTZ B SC(ENG)21
JOSEPH P LANTZ M D25
MRS JOSEPH P LANTZ B A26
J PAUL LAPLANTE M D30
JACQUES LAPOINTE B ENG50
WAYNE S LAPP P H D67
MRS FREDERICK G LARKIN B L S35
PAUL LAROSE B SC(ENG)20 P H D25
BARTLEY L LARROW D D S63
CHARLES P LARSON M D71
CHARLES P LARSON M D36
ERIC A LARYEA
C FRASER LASCHINGER B A70
EDGAR L LASSETTER M D48
GEORGE LATIMER B COM53
PAUL VAUGHAN LATOUR M D74
NORMAN L LATSKY B COM50
KIN WA HENRY LAU M ENG81
CARROL A LAURIN M D52
GUY LAURIN
RALPH H F LAVIOLETTE B ENG65
ALAN JAMES D LAW M B A65
ELIZABETH KWAN MEI LAW B COM76
ARNOLD A LAWLESS B ENG57
DONALD G M LAWRENCE M D57
* JOHN H A LAWRENCE M D50
W DOUGLAS LAWRENCE M A69
H WYATT LAWS M D40 B A40
RUSSEL W LAWTON ENG50
ANNE LOUISE LAYTON B COM72
EMILY J LE BARON DIP P E30
G E LE DAIN B C L49
C W LEACH
MRS C W LEACH DIP P E29
SYDNEY R LEAVITT B ENG54
ROBERT LEBLOND B ARCH68
MORTIMER LECHTER B SC58
WILBROD LECLERC P H D64
ARTHUR LEE
CARL LEE B SC47 M D49
MRS DORA LEE
KENDAL A LEE B SC47 D D S52
KENNETH K S LEE D D S66
MANAS LEEVIRAPHAN B COM55
MALCOLM D LEFCORT B ENG56
GEORGE T G LEFEBVRE B A41 M D44
ROBIN C LEFEBVRE B C L72
RODNEY A LEFEBVRE B A51 D D S52
J HANCE LEGERE B ENG50 DIP MGMT55
ROBERT C LEGGE B A49 B C L52
MRS ROBERT C LEGGE B A51
STEVE LEGLER
ERNEST W LEGRIS B ENG44
CHARLES L LEGROW M D34
HEINZ EDGAR LEHMANN
MALCOLM J R LEITCH D D S55
PIERRE M LEMAY M D56
IAN LEMCO B ENG47
J ROSS LEMESURIER B A47
JEAN CLAUDE LEMYZE
GEORGE F LENGVARI B C L66
ROBERT H LENNOX B SC41 M D43
DOMENICO LEO B ENG77
JAMES LESLIE B ENG48
ROBERT A LESLIE B ENG52
EVA LESTER DIP MED59
CHRISTOPHER F LETHBRIDGE B COM70 DIP MGMT75
DANIEL LETOURNEAU B SC79
BERNARD LETTE B C L78 L L B81
RAYMOND LETTE
ALBERT KAM-YING LEUNG B SC59 M D63
PETER A LEUS B A67 M B A72
HARVEY LEVENSON B COM64 M B A68
D CLIFTON LEVIN DIP MED58
W ZAVIE LEVINE B A67 B C L70
LEON DE H LEVINSON B A23
MARTIN K LEVINSON B COM30
MICHAEL D LEVINSON B C L64
BENJAMIN A LEVITAN M D44 M SC48
MICHAEL N LEVITT B A54 M D58
MORRIS M LEVITT B ENG57
RONALD T LEWIS M SC70
A BENTON LEWIS B COM55
JOHN B LEWIS B SC49 P H D54
JOHN M LEWIS B A49
REUBEN R LEWIS B SC32 M D37
MING-WAH LI B SC64 D D S69
JOHN L LIBERMAN M SC50 B C L53
GEORGE LIGRIS
JOHN B LILLIE B SC57 M D61
CHARLES KEE-SHY LIN B ENG73
CLIFFORD LINCOLN
WALTER H LIND B A37
HARRY LINDBERG
ALAN C LINDSAY B A54
PETRONELLA LINGBEEK B N75
DONALD M LINKLATER D D S53
MRS JOSEPH S LIPES B A50
C RALPH LIPPER B A61 B C L64
J STEPHEN LIPPER B A63
RICHARD J LIPTRAP B COM56
* MRS RONALD G LISTER DIP P O T56
NORTON H LITHWICK B SC57
BRUCE W LITTLE B ENG56
J GRAHAM LITTLE B SC50 M D54
LELAND A LITTLEFIELD M D31
GERALD LITZKY B SC52
CARL H LJUNGBERG B ENG62
EDWARD LLEWELLYN-THOMAS M D55
KATHLEEN E LLOYD B A30 M D36
LEWIS E LLOYD B SC(AGR)48 P H D52
ANNA LOANE M D44
JAN LOBELLE
MRS WILFRED G LOCKETT B L S62
PHILIP C LOCKETTE B ENG51
J E ROWLAND LOCKHART B COM50
PATRICIA A LOCKNER-INNIS M D65
C K LOCKWOOD B ENG34 B ENG35
MRS HELGA T LOEVINSOHN B A67
WALTER LOEVINSOHN
JEAN YVES LOHE B SC(AGR)74
JULIUS M LONG B ENG47
PETER MARTIN LONGCROFT
ALEXANDER P LOOMIS B ENG36
JULIE LORANGER B C L59
GUY S LORDLY B SC(ENG)21
JOHN LOUGH B SC55 M D57
RUTH M LOW B A30
DOUGLAS W LOWRIE B ENG49
IRA K LOWRY D D S25
FREDERICK H LOWY B A55 M D59
ISADORE LUBIN D D S43
ANTHONY LUCAS B COM53 DIP MGMT58
IRVING LUDMER B ENG57
FRIEDRICH LUHDE
JOSEPHUS C LUKE B A27 M D31
SAMUEL LUKS B ENG55
FREDERICK W LUNDELL M D51 DIP MED56
MICHAEL LUTFY
LEWIS LUTTER
VINCENT ERNEST LYEW
SEAFORTH M LYLE B ENG58 M ENG60
WILLIAM H LYLE M D53
SYDNEY I LYMAN B A41
M REGINALD LYN B SC48 D D S52
JOHN LYNCH-STAUNTON
MRS DAWN LYNCH B A63
HAROLD LYNGE M D49
W B LYNN B ENG58
FREDERICK A LYPCHUK B COM48
ANDREW LYPEN B SC74
JAMES MACARTHUR
W DONALD MACAULAY M D57
HENRY M MACCONNELL B SC(AGR)57 M SC(AGR)75
LYNDEN E MACDERMID M D24
H E MACDERMOT M D13
MICHAEL MACDONALD M D38
ALEXANDER F MACDONALD
GORDON S MACDONALD B ARCH35
HARRY A MACDONALD B SC(AGR)37
* J B MACDONALD M D37
MRS J D S MACDONALD B SC(H EC)50
MRS JUDITH M MACDONALD B N70
MALCOLM H MACDONALD M D51
NEIL MACDONALD B COM51
JOHN E MACDONELL M D48
MRS D J MACDONNELL B SC36
J T MACDOUGALL M D37
BERNARD J MACDOUGALL B ENG48
GEORGE MACDOUGALL D D S45
REFORD MACDOUGALL B A62
KENNETH A MACEACHERN D D S52
JOHN K MACFARLANE M D63 M SC66
BONNY A M MACFARLANE B SC68 M D72
MRS MARGARET MACFARLANE
NORMAN F MACFARLANE B ENG49
MRS O D MACGREGOR B A25
GRAHAM J MACHUTCHIN B ENG52
MICHAEL V MACINNIS M D52
DONALD J MACINTOSH M D47
F C MACINTOSH P H D37
JOHN E MACKAY M D54
R DE WOLFE MACKAY M A29 B C L32
DONALD G MACKAY
G IAN MACKAY D D S57
MRS HUGH MACKAY B A20
PETER A MACKAY M D63 M SC67
PETER R MACKELL B A48 B C L51
JAMES C MACKELLAR B ENG51
CONRAD MACKENZIE M D49
DAVID A MACKENZIE B SC60 M D64
DONALD E MACKENZIE B C L51
DONALD W S MACKENZIE B COM48
FLORENCE I MACKENZIE B N58 M SC(APP)68
JAMES R MACKENZIE B SC54 M D59
MAXWELL W MACKENZIE B COM28 L L D73
MRS MAXWELL W MACKENZIE B A27
ARTHUR G MACKEY B SC(AGR)45 M D52
JOHN C MACKIMMIE B SC50 M D52
GEORGE L MACKINNON M D48
MARGARET MACKINNON-SCHUTZ B SC51 M D53
GORDON A MACLACHLAN
GEORGE R MACLAREN B A61
STEWART M MACLAURIN B ENG51
MRS BASIL MACLEAN
DONALD FRASER MACLEAN D D S79
MRS DOROTHY MACLEAN B ED78
MRS GUY R MACLEAN B SC60
MRS IAN H MACLEAN B A51
ANNE-MARIE MACLELLAN B SC72 M D77
C LORWAY MACLELLAN M D42
KEITH A MACLELLAN B SC73 M D77
MRS R J MACLENNAN B SC(H EC)62
DOUGLAS N MACLEOD B ENG35
J WENDELL MACLEOD B SC(ARTS)26 M D30
JAS G MACLEOD B ENG44
FRANCIS A MACMILLAN M D42
* DOUGLAS W MACMILLAN M D22
GORDON A MACMILLAN B SC76 CERT C ED79
* J FRASER MACMILLAN B A40
KEITH A MACMILLAN B SC(AGR)66 M SC(AGR)68
MRS KENNETH G MACMILLAN B A33
MARY MACMILLAN B A51
ERIC A MACNAUGHTON M D26
ALAN A MACNAUGHTON B A26 B C L29
ANNE E MACNAUGHTON B A32
CECIL F MACNEIL B ENG47
MRS W F S MACRAE B A34
DONALD J A MACSWEEN B A56 B C L61
EDWARD S MACTIER B COM48
J ARTHUR MADILL B COM42
GERARD H MAGUIRE B SC50 M D54
YVES R MAHEU B ENG53
JOHN H MAHON B SC(AGR)48 P H D53
JAMES J MAHONEY M D75
PAUL K MAIER
ROLF MAIJER D D S71
JEAN MAILLET
DINA G MALKIN M SC52
HOWARD MALLEK M D37
JACQUES MALLET B COM41
CLIFFORD S MALONE B C L56
GEORGE E MALONE B ENG62 M B A70
A H MALOUF B A38 B C L41
NATHAN MALTZ B SC75 D D S80
NORMAN L MALUS B A57 B C L60
CHRIS MAMEN B ENG41
MRS HAROLD J MANDEL B A55
MARK S MANDELCORN B SC65 M D67
GEORGE MANDICH M D77
ROMAN MANGEL B SC59 M D63
POORAN R MANMOHANSINGH B SC(AGR)64 M D68
ALAN M MANN M D49 DIP MED54
* GEORGE W MANNARD B SC55 P H D63
DONALD P MANZER
CHRISTOPHER N MAPP B ENG67
PAULINE MARCHAND B ENG80
MRS LOTTE MARCUS M S W55 DIP S W64
MAX H MARGLES B ENG51
IRWIN MARGOLESE B SC56 D D S61
RICHARD G MARGOLESE M D60
MRS EVELYN MARGUS B SC70
PAUL E MARGUS B SC70
REMI MARIANO B A79 M L S81
BREEN N MARIEN M D49 M SC52
GEORGE G MARINI B COM75
RONALD J MARKEY D D S69
MRS BERNARD MARKS CERT S W25
GEORGE MARKS
ARTHUR E MARLIN B SC68 M D72
JOHN D MAROTTA B SC64 D D S68
DEREK MARPOLE B A59 M D63
HARRY G MARPOLE B COM24
M R MARSHALL M D26
ANDREW B MARTIN B SC(P E)51
MRS JOANNE F MARTIN B N70 M SC(APP)72
MRS JOHN I MARTIN B COM49
KENNETH I MARTIN B ENG66
PETER S MARTIN B A69 B C L73
R J D MARTIN B SC(AGR)38
R K MARTIN B A30
WILLIAM S MARTIN M D50 M ENG52
VICTOR M MARTINOW B SC62
CIRO R MARTONI B ENG68 M ENG71
MRS W H MARWICK B A29
JOSEPH D MASCIS D D S58
WILLIAM E H MASON B SC49 M D51
HUGH J MASON B A64
KATHRYN H MASON B A51 B C L54
MAURICE MASSE
GIORGIO MASSOBRIO
GEORGES M MASSON P H D42
MICHAEL A MASTRIANNI B SC33 M D36
RICHARD K MASUDA B S W49
MRS GAIL MATTHEWS
HOWARD S MATTHEWS B COM23
MRS LINDA C MATTIS B SC66
NICHOLAS MAU B ENG53

*Deceased

J S MAXWELL
THEODORE MAYER B A42
EDWARD H MAZAK D D S61
ERIC DEAN MAZOFF B SC72 M D76
ROBERT G MCBOYLE B COM48
CHARLES M MCBRIDE B SC52
JOHN H MCBRIDE B SC59 M SC64
J LESTER MCCALLUM B A37 M D43
WILLIAM I MCCALLUM B COM50
D HUGH MCCARTEN B COM49
GERALD J MCCARTHY B C L53
MRS KATHERINE VAUX MCCAULEY B A67
JOHN ALEXANDER MCCLELLAND
KENNETH R MCCORMACK M D54
RAYMOND H MCCORMICK D D S63
WILLIAM MCCOUBREY B COM53
PETER N MCCRACKEN M D70
J EDWARD MCCRACKEN B A62
JAMES C MCCREA M D43
MRS PAUL MCCULLAGH B A30
URBAN F MCCULLOCH B ENG42
K BRUCE MCCULLOGH B SC49 B ENG51
JANE MCCUSKER M D67
MICHAEL D MCCUSKER M D67
KATHLEEN L MCCUTCHEON B N68
P ROBB MCDONALD B SC(ARTS)30 M D34
ALLAN H MCDOUGALL B COM30
MRS ALLAN H MCDOUGALL B A36
P H D69
DOUGLASS G MCDOUGALL B A67
MRS LAWRENCE G MCDOUGALL B COM39
JOHN WILLIAM MCDOWALL
J GEAR MCENTYRE B A34 B C L38
MURRAY D MCEWEN B SC(AGR)53
ARTHUR H MCFARLANE B A39 M A46
G PAUL MCGEE M D51
LEONARD D MCGEE B ENG33
GORDON L MCGILTON B A53 B C L57
FREDERIC A MCGRAND M D23
FRANCES CAROLYN MCGRATH M D76
BRIAN I MCGREEVY B A30 B C L33
ALEXANDER MCGREGOR B SC48
GORDON C MCGREGOR B A71
C ALEXANDER MCINTOSH B A21 M D24
R L MCINTOSH P H D39 D SC72
HUGH R MCKAY B ENG69
WILLIAM BOYD MCKEE M D21
MRS GEOFFREY G MCKENZIE B SC(H EC)49
ALFRED J MCKINNA M D52
PETER W MCKINNEY M D60
A T MCKINNON B D53
DAVID J MCKIRNAN P H D78
DAVID P MCKITTRICK B ENG63
MARJORIE F MCLAGGAN M A31
JOHN A MCLAREN M D43
ELIZABETH MCLAUGHLIN B SC48 B S W49
WALTER M MCLEISH B ENG50
DONALD MCLEOD M A63
HECTOR I MCLEOD D D S51
LLOYD A MCLEOD P H D44
MALCOLM E MCLEOD B A61 B C L64
PETER JAMES MCLEOD
THERESA C MCLOUD M D68
ROBERT W MCMARTIN D D S47
W FINLAY MCMARTIN B A30 M D35
* ANGUS B MCMORRAN B A37
MRS DARIA MCMORRAN B O T71
SYDNEY D MCMORRAN B C L34
JOHN F MCMULLAN D D S57
FRANCIS E MCNAIR M D43
J PATRICK MCNALLY B ENG75
WILLIAM MCNAMARA
F L MCNAUGHTON M D31 M SC41
JOHN L MCNIVEN B COM41
MRS JOHN L MCNIVEN B A43
JAMES W S MCOUAT B A50
JOHN D MCOUAT B SC48
MRS D F MCPHEE DIP P T47
BRUCE R MCPHERSON SC44
DAVID MCPHERSON B A68 M D76
DOUGLAS F MCPHERSON M D44
MRS IAN E MCPHERSON B A48 M A50
WILLIAM J MCQUILLAN B C L34
HAROLD A MCQUITTY B SC(AGR)50
MARY C MCRAE B N56
MRS DONALD R MCROBIE B A34
DOUGLAS G MCTAVISH B COM66
ROBERT MCTIERNAN D D S60
VAUGHAN E MCVEY B SC57
WILLIAM A MCVEY B COM51
JAMES C MEAD M D58
AIDAN JOSEPH MEADE B ENG78
MRS J W R MEADOWCROFT B A51
JOHN H MEANY M D37
ANDRE T MECS B A67 B C L70
ROBERT G MEEK B ENG47
VOLKER MEHNERT B C L62
RICHARD E MELANSON B SC(AGR)43
STEWART W MELDRUM
WALTER MELINYSHYN
ENDEL MELL B ENG59
GEOFFREY MELVILL-JONES
EDWARD MENASHE B COM63
A I MENDELSOHN B ENG39
MAXWELL W MENDELSOHN B A62
MRS S LEON MENDELSOHN DIP P E31
MYER D MENDELSON B SC45 M D47
JOSEPH A MENDELSON B C L51
MRS SHIRLEY MENDELSSOHN
JEAN H MENETREZ M D50
BRIAN A MENNIE B ENG70 M B A80
MARGARET E MENNIE B A50 B L S56
R R MERIFIELD B A38 B C L41
RUSSELL G MERIFIELD B C L70
CLARKE F MERRITT D D S48
ROGER E G MESMER M D56
MICHAEL J MESSEL B ENG38
I MESSINGER B COM29
JOHN G METRAKOS B ENG55
JULIUS D METRAKOS B SC47 P H D51
AARON H METTARLIN B A23 B C L26
ISTVAN MEZES B ARCH60
LAWRENCE MICHAELS M D59
PHILIPPE MICHEL DIP MED54
PETER M MIESZKOWSKI B SC57 M A59
F THOMAS MILL B ARCH58
MRS CURTIS MILLAR DIP P E26
DAVID S MILLER JR M D67
ALEXANDER MILLER B SC45 M D47
ALICE E MILLER B A34
CAMERON D MILLER B A61 B C L64
MRS EDNA MILLER
JAMES R MILLER P H D59
MARY L MILLER B SC49 M D53
MORRIS MILLER B SC44 M D48
SAUL MILLER M D39 M SC48
MRS WILLIAM B MILLER B A46
WILLIAM M MILLER COM51
B J MILLIGAN B N50
JOSEPH H MILLIKEN M D32
ROGER MILLINGTON
STUART MILLOWITZ B A57 B C L60
E ANITRA MILLS B SC65 M D67
STEPHEN A MILLS B SC67 M D71
ALAN V L MILLS B C L42
K C F MILLS ARTS31
MRS ELEANOR MILTON B N71
MICHAEL J MINDEL B SC66 M D70
ARTHUR M MINNION B A32 B C L37
OSHER MINOVITZ M D47
W HAROLD MINSHALL M SC38 P H D41
H D MINTUN JR M D43
MRS STEPHEN M MINTZ B SC70
HENRY MINTZBERG B ENG61
MRS HENRY MINTZBERG B SC62
SAMUEL Z MINZBERG B C L73 L L B79
JEAN R MIQUELON B C L52
R E MITCHELL M D47
HERBERT E MITCHELL B COM48
MARGARET C MITCHELL B ED77
PETER MLYNARYK B SC54 M D56
DOMINIC MODAFFERI
DRUMMOND S MODE B COM63
WILLIAM W MOFFAT B SC49 M D53
HANS MOLLER
MRS MAUREEN MOLOT B A62 M A64
ERIC H MOLSON
STEPHEN T MOLSON B A63
ALMAS W MONAHAN B ENG48
MARCEL DYDZAK MONGEON B COM78
PETER H MONK B COM58
MRS PETER H MONK B A58
RICHARD C MONKS M D68 DIP MED74
ERNEST E MONRAD
SCOTT MONRAD M D79
ADOLPH MONSAROFF
CAROL ANN MONSSON B SC(ARCH)72
B ARCH75
THOMAS H MONTGOMERY B A36 B C L39
BROCK L MONTGOMERY B ENG34
A RUSSELL MOODIE M D10
CRAIG W MOOK SANG B SC71 D D S75
DONALD R MOONEY B ENG47
ERNEST J MOORE B ENG56
JACQUELINE MOORE B A74
JOHN R MOORE M D41 DIP MED51
CHARLES R MORELAND B SC(AGR)51
J W MORELAND SC43
JOHN D MORGAN B COM52
MRS NORMA MORGAN B A79
RODNEY J MORRELL B ENG63
DIP MGMT71
HUGH L MORRIS M D56
KENNETH W MORRIS AGR44
SAUL MORRIS B A54 B C L57
CLIFTON R MORRISON B SC(AGR)49
MRS G D MORRISON B SC(H EC)51
M KATHLEEN MORRISON B A28
PATRICIA MORRISON B S W48 M S W53
MARY MORROW B SC49 M D51
ROBERT E MORROW B C L47
THOMAS S MORSE B ENG36
WALTER MOSCOVITZ B SC62 M D66
W O J MOSER
PETER D MOSHER B ENG57 DIP MGMT61
WILLIAM MOSLEY M D28
CARL MOSS D D S41
NATHAN MOSS
MARY JANE MOSSMAN B A67
JOHN W MOSSOP B ENG55
HAROLD E MOTT B SC(ENG)22
HENRY WILDING MOXON B SC(ENG)30
MRS SAM MOYER B SC(AGR)60
JOSEPH A MUELLER
MRS ARNOLD G MUIRHEAD B SC(ARTS)26
DAVID S MULDER M SC65
WILLIAM J MULLIGAN D D S41
WILLIAM O MULLIGAN B A48 D D S50
DAVID J MUNRO B A50 D D S52
MRS MARGARET MUNRO B SC(F SC)74
ROBERT L MUNRO B COM48 B C L51
MRS ROBERT L MUNRO B SC52
JAMES P MUNROE M D60
WM MORGAN MUNROE B A43 M A46
ALAN I MURDOCK B SC59 M D63
A GORDON MURPHY B SC(ENG)22 L L D60
DAVID J MURPHY B SC66
DAVID R MURPHY M D42 M SC48
FREDERICK G MURPHY M D54 M SC58
G ROSS MURPHY B SC53 M D57
HAROLD JOSEPH MURPHY
J RICHARD MURRAY B A38 B C L41
MARION MURRAY B SC59
H LINDSAY MUSSELLS D D S41
EDWARD J MUSZYNSKI B ENG58
JEFFREY MYERS P H D65
S TERENCE MYLES DIP MED72 M SC73
MAURICE NAIHOUSE M D18
JAMES NAIMAN B A45 M D49
ALLAN P NAIMARK B SC56 M D60
JACK NAIMER
N P VASAVAN NAIR
GEORGE NAKATSURU
KENICHI KEN NAKATSURU B SC81
* BASIL L NARES B SC(ENG)11
LEWIS C NEACE M D39
MALCOLM E NEARY B SC(AGR)37
JUAN CARLOS NEGRETE
BEVERLEY C NEILL B ENG57
GREGORY M A NEIMAN B SC43 M SC53
HARVEY J NELSON B A49
RUBY NEMSER B A54 M A56
GEORGES NERAY
A H GRAHAM NESBITT B A58 B C L63
ROBERT J NEVILLE B ENG63
JACK NEWBY D D S54
WILFRED J NEWBY B SC58
E PETER NEWCOMBE B A47
JOHN C NEWELL B SC61
DOUGLAS A NEWTON B ENG60
MRS CHOY YING NG WAT
WENDY NG B SC81
LYNTON NGUI-KON-SUE D D S62
GEORGE SPENCER NIBLETT B SC(AGR)56
DOROTHY A NICHOL B SC(P E)49
J GORDON NICHOLSON B C L21
ROSS K NICHOLSON B ENG49
GRANVILLE H NICKERSON M D45
DIP MED50
HELEN NISKALA B N64
TERRANCE J NORMAN B COM70
BRIAN NORRIS B ED(P E)72
* HERBERT B NORRIS B SC(ENG)26
MRS JOHN H NORRIS B A52
HAROLD A NORTON B ENG43
MARY NORTON B A70
BRIAN H NOVACK B SC76 M D80
MRS HELEN NOVACK M L S72
MICHAEL D NOVAK B ENG70
R ISRAEL NOVECK B COM69
HARRY L NUTIK B COM32 M D38
OSCAR NUTIK M D31
ZOLTAN B NYESTE D D S53
WALTER L NYMARK B ENG64
ROY D O'BOYLE B ENG68
EDWARD G O'BRIEN M D52
JOSEPH E O'BRIEN B A51 B C L54
PHILIP O'BRIEN
CEDRIC F O'DONNELL B ENG49
J VINCENT O'DONNELL B C L55
GERALD P O'HARA M D34
J MARTIN O'HARA
JACK I O'HASHI M D64
SHEILA M O'NEILL DIP NUR66 B N68
KEVIN D O'SHEA B A75 M A80
JAN J OGGEL B SC(AGR)64
RICHARD I OGILVIE
TIMOTHY I OKEKE B ENG66
JOHN A OLIVER M A50 M D56
JOHN HOWARD OLIVER B SC71 M D73
MICHAEL OLIVER B A48 L L D72
JOHN M OLSBURGH B COM48
KARRE R OLSEN B ENG48
ERIK JOHN OLTHETEN B ENG80
SILVIO J ONESTI M D51
LOUIS MICHAEL ONG D D S73
CHRISTOPHER O ORANYELI M SC(AGR)64
JOHN R ORMOND B SC75 D D S79
ROBERT R ORR B SC(AGR)43 M D49
SVENN ORVIG M SC51 P H D54
ROBERT OSEASOHN
JOHN C OSLER B ENG52
NORMA A E OSLER B A44
PHILIP F OSLER B SC(ENG)24
PETER A OSTAPOVITCH D D S43
EDWARD OSTRO D D S55
MRS ISOBEL OSWALD B A37 M A81
G ROGER OTLEY B SC(AGR)59
WM W OUGHTRED B ENG46
EUGENE W OUTERBRIDGE B SC55 M D63
MRS MURRAY M OUTHET B A42
H DAVID OVENDEN B A67
W SCOTT OVERTURF M D55
MRS G R W OWEN B A33
GEORGE R W OWEN M A34 B C L37
HARRY OXORN B A41 DIP MED51
SAMUEL PACKER
ARNOLD F PADGETT B ENG58
JOHN G PAGE M D56
M P PAIDOUSSIS B ENG58
MARTIN PAIJMANS
ROBERT JOSEPH JOHN PAKNYS B ENG79
MRS W H PALM B A33
JOHN D PALMER M D41 DIP MED50
MARVEN F PALMER M D54
RUSSELL A PALMER M D31
WILFRED H PALMER B SC52 M D54
MRS DANIEL M PALTIEL B A52
PI-JUNG PAN M SC65 P H D68
CHOW KWONG JONATHAN PANG B COM74
APOSTOLOS PAPAGEORGIOU
MRS H M PAPPIUS B SC46 P H D52
ADELARD L V PAQUETTE
PIERRE PAQUIN B C L63
GEORGE PARASKEVOPOULOS P H D65
DONALD D PARE
RICHARD E PARE B C L47
MRS ROSALIND PARIS B SC(N)65
M SC(N)81
G K PARKE M D22
ELSIE PARKINSON DIP P O T56
B SC(P T)78
ROGER PARLOUR
ERIC PARNELL B SC(ARTS)21
RAYMOND E PARSONS B A48
BASIL IAN PARSONS B SC50 P H D53
C JAMES F PARSONS M D23
FRANK W PARSONS B SC48 M D52
MARGARET HAYES PARSONS
R MILTON PARSONS B SC42 M D43
W DAVID PARSONS B SC46 M D51
GABRIELLY PASCAL-SMITH P H D70
BRIAN PATE P H D55
BRUNO J PATERAS B C L57
MARGERY G PATERSON B A62
MRS P H PATERSON B A27
PAUL PATEY M D67 M SC68
IAN M PATIENCE B SC66 M D70
CHARLES P PATON B ENG35
WENDY E PATRICK B A66 M L S70
DONALD C H PATRIQUIN B MUS64
CHAUNCEY J PATTEE M D36 M SC38
ROBERT L PATTEN M D62
DONALD D PATTERSON B SC48 M SC50
FRANK P PATTERSON M D40
MARK LEWIS PATTERSON B A79
MYRON C PATTERSON
WILBUR R PATTERSON B A47 B C L50
MRS DONALD R PATTON B A26
RONALD L PAUL M D63
MRS RONALD L PAUL B A61
WILLIAM PAUL B ENG50
ROBERT E PAULETTE B SC52 M D54
ALAN VYTAUTAS PAVILANIS M D73
JOHN S R PAYNE B COM35
RICHARD F PEARCE B COM52
MRS GERALD J PEARL B A59
NORMAN PEARL B ENG79
ROBERT W PEARMAN B A41 M D44
EIGIL PEDERSEN M A61
S PEDVIS B SC42 M D43
SHEILA PEER B A79
MRS JAMES H PEERS B H S29
LOUIS J PELLEGRINO M A64 P H D67
A DAVID PELLETIER B SC72
JOHN S B PEMBERTON B A27
RONALD PENIUK
MRS A M PENNIE B A45
THOMAS P PEPPER P H D48
E C PERCY M D51 M SC54
BERNARD J F PEREY M D56 M SC60
FRANCIS G J PEREY B ENG56 M SC57
FRASER LYMAN PERKINS M D74
ARTHUR PERLMAN
DOUGLAS L PERON B SC69 M B A71
* A LESLIE PERRY B ARCH23
DAVID M PERRY M D54
JOHN L PERRY B COM50
MAUREEN J PESZAT B N66
CHARLES PETCH B COM28
J GORDON PETERS B COM64
LLOYD C PETERS M D47
MRS CHARLES PETERSON B SC46
MICHEL W PETIT
DAVID P PETRIE M D64
EDWARD A PETRIE M D59
MRS J GORDON PETRIE DIP P T46
H P PETZOLD B SC(ENG)27
GOETZ A PFAFFLIN B ENG61
E PETER PFEIFFER B ENG68
NEIL F PHILLIPS B C L50
FREDERICK R PHILLIPS B ENG32
MRS NORMAN W F PHILLIPS B A36
MARC PICARD B ENG47
ROBERT A PICARD B A65
ALFRED J PICK M A37 B C L40
JACK R PICKLEMAN M D64
TREVOR D W PILLEY B SC51
ROBERT S PINCOTT B SC56 M D60
KEITH S PITCAIRN B A28
WILLIAM PITT B SC(ENG)25
JOHN W PITTS B ENG49
MRS CHARLES R PLASKETT B A43
JEAN-LUC PLAT B A74
BERNIE PLOTNICK
STANLEY K PLOTNICK B COM62
WERNER H PLUSS B ENG61
LEWIS N POCH B SC36 D D S41
WILLIAM POCHEREVA B SC50 M D54
ALEXANDER L PODD B ENG56
JOHN L POLACK B ENG55
MICHEL POLAK B SC74
SAMUEL L POLLACK B SC34 M D37
MRS DONALD POLLOCK B SC53
J STEWART POLSON B A41 M D45
GORDON POLSON
H ZVY POMERANTZ B SC43 M D47
GORDON D POOLE B ENG32 M ENG36
NORMAN L POOLE B SC50 M D54
RONALD J POOLE
F NORMAN POPE B SC(AGR)38
JOHN POPE B A62 B C L65
THADDEUS J POPIEL B ENG54
JAMES S POPKIN M SC67 M D70
DAVID R POPKIN B SC(AGR)62 M D66
MARTIN J POPPO JR M D61
MRS PHYLLIS PORRITT B A30 M A32
JAMES I PORTER B SC50 M D52
MRS HENRY A PORTER B A43
JOSEPH PORTNOY M D66 M SC70
BARRY I POSNER
RUDOLF STEFAN POSTEMA D D S77
BRIAN S POTTER M D50
BARRY M POTTER B ENG67
JAMES E POTTS B ENG33
TONIE C POUCHET B A71
GEORGES A POULIOT B C L49
ALLAN T POWELL B SC(ENG)23 M SC25
WILLIAM E POWLES B A40 M D43
NEVILLE G POY M D60 M SC63
MRS NEVILLE G POY B A62
GERALD POZNAK D D S71

*Deceased

ZDZISLAW POZNANSKI M ENG50
H HUGH L PRATLEY B ENG47
A WILLIAM PRATT B SC67 M D72
E COURTNEY PRATT B A68
LUDOVICO PRATTICO B ENG81
GUY PRENOVEAU
PAUL A PREVILLE B ENG54
LAWRENCE A PRICE M D66
D MILES PRICE B A59
FREDERICK W PRICE B A37 M A42
SARAH S PRICHARD
GEORGE J PRIMAK B ENG58
RAYMOND HAROLD PRINCE
SUSAN PRINDEVILLE B A62
RALPH PRIOLO B ENG57
G E M PROCTOR B ENG46
HAROLD J PRUSSIN D D S71
HERBERT PTACK D D S58
MRS CATHERINE PUDDICOMBE B A28
HAROLD H PUGASH B A49
PETER C PULRANG M D51
KAREN LESLIE PURDEN B ED79
J RONALDSON PURVES-SMITH B A47 M S W66
A BLAIKIE PURVIS B A49
JOSEPH D PUTIGNANO M D65
JOHN R QUAGLIARELLO M D70
JAMES T B QUAYLE M D50
W DOUGLAS QUAYLE B COM55
PETER C QUELCH M D70
CHARLES PAUL QUESNEL B SC75
PETER QUEVILLON B ENG59
MRS L A QUICK B A34 B L S35
ROBERT W QUIGLEY B ENG33
GILBERT R QUILICI M D56
MRS ROBERT QUILLIAMS B SC(H EC)55
ROBERT W QUINN M D38
STEPHEN RABATICH B SC44 M D45
DAVID A R RABIN B ENG47 B ENG50
MARK RABINOVITCH B SC72 M D74
RALPH D RABINOVITCH B A40 M D42
SAMUEL H RABINOVITCH B A29
RICHARD RABNETT B ARCH66
DAVID H RACE B ENG57
ALLAN C RAE B ENG48
NORMAN RAICEK
ROBERT L RAICH B C L75
DAVID RAKITA
ENRIQUE RAMON-MOLINER P H D59
DEREK S RAMSAY B COM50
R ALEC RAMSAY B SC58 M D62
COLIN RAMSEY M D48
ROBERT L RAMSEY B ENG70
JUDITH RAMSEYER M SC60 M D62
WILLIAM A RAND B COM63
STEPHEN J RANDALL
MRS JEANNE BERNICE RANDLE M L S73
MOSS G RANDOLPH B ENG39
ROBERT E RANGNO
EDWARD R RAPATZ M D58
MORTIMER H RAPP B ENG50
MICHAEL RASMINSKY
W GORDON RATHIE B ENG49
SOL M RAWAS B COM63
CHARLES B RAYMOND B ENG71
PAUL M RAYNAULT B SC61
MARK RAYPORT M D48 P H D58
JOHN REA
D C READ B SC(AGR)51 M SC(AGR)56
STANLEY E READ B A23 M A25
BARBARA REAVES B A76
DIRK H RECTER B SC(AGR)61 M A67
E WILLIAM RECTOR M D38
PHILIP ROBERT REDDON D D S52
LILA REDMOND B A40 M D43
COLIN ELLIOT REESOR B SC(AGR)66
MALCOLM REEVES B ENG42
RICHARD REEVES M D78
ROBERT S REEVES M D54
QUENTIN R REGESTEIN M D64
F THEODORE REID JR M D54
E A STEWART REID B A38 M D42
ALAN A REID B ENG37
EWART P REID B A31 M A32
KENNETH REID B SC(ENG)26
PETER B REID B COM57
SAM REID
R FRANK REIDER B SC(ARTS)28 M D32
DOUGLASS H REILLY B A41 M D43
WILLIAM M REIM M B A68
LIONEL M REIMAN B SC64 M D68
JACK REITMAN ARTS30
MRS GILLIAN REJSKIND
THOMAS REJTO
GUY RENAUD B COM44
MARGARET MARY RENAUD M ED76
PAUL F RENAULT B COM42
JEAN-LOUIS RENE
GEORGE RENNIE D D S52
DONALD G RENWICK B COM53
EDWARD RESNIK M D30
J KEVIN REYNOLDS B C L52
MRS J KEVIN REYNOLDS B A52 B L S54
JOHN B REYNOLDS B COM42
WM N REYNOLDS B ENG38
DONALD RHODES B SC(ENG)28
GENNADIJS B RIBAKOVS B ENG67 P H D76
CHARLES R RICH B A70
HELEN RICHARD
RALPH E RICHARDS B S A30
R GARRATT RICHARDSON M D68
JOHN M RICHARDSON B SC(ENG)28
NIGEL H RICHARDSON B A51 M A54
THOMAS A RICHARDSON M D43
JACK RICHER B COM52
JEAN H RICHER B ENG43
MYER RICHLER B ENG46
MARY L RICHMOND B N51
MRS ERIC J RICHTER B A53 M L S76
MRS ROBERT M RIGGS B SC(N)64
WILLIAM J RILEY B ENG48
MICHAEL E RIOUX B C L54
ISSIE RISHIKOF
MRS A S C RITCHIE B A33
GEORGE D RITCHIE B SC(AGR)48
J W RITCHIE B SC(AGR)51
PIERRE L J RITCHIE B A69
ROSS A RITCHIE B ENG43
ISRAEL R RIVEN B ENG33
SAMUEL S RIVEN M D25
ROBERT R RIX M D34
BERNARD ROBAIRE
BERT W ROBAR B ENG58
J PRESTON ROBB M D39 M SC46
MRS JAMES A ROBB B SC57
PAUL ROBERGE
RICHARD ROBERGE
DOUGLAS P ROBERTON B ENG50
IAN ROBERTS ARTS49
WILLIAM J ROBERTS B SC(AGR)50
* CHARLES ROBERTSON B SC(ENG)12
DOUGLAS C ROBERTSON B A58 B C L62
MARGARET J ROBERTSON B A30
MAY H ROBERTSON B COM38
MELVILLE S ROBERTSON B A27
LEON A ROBIDOUX
MRS DOROTHY ROBINSON B A39
MURRAY ROBINSON B SC48
RAYMOND ROBINSON M SC38
STEWART A ROBINSON D D S29
WILLIAM G ROBINSON M SC38 P H D41
PIERRE E ROBITAILLE M B A66
ALBERT J ROCHE M D63
E VICTOR ROCHON B ENG54
DAVID E RODGER M D35
YANG RODJANAPICHES
BASIL RODOMAR COM55
JOHN P ROGERS B A49
THOMAS F ROGERS B ENG58
ALEXANDRA M ROLDE B SC57 M D61
C ALEX ROLLAND B SC48
ANDRE ROLLINGER M B A79
ROBERT G ROMCKE D D S53
D RORISON
ALEXANDER ROSE B ENG35
BARBARA ROSE B SC37 M D43
PATRICIA ANN ROSE B SC(N)78
T F ROSE M D43 DIP MED50
CARL ROSEN B COM56 B C L60
CHARLES ROSEN B A31 M D35
DAVID ROSEN B SC47 M D49
ARTHUR H ROSENBAUM B A58 B C L63
GEORGE A ROSENBERG B A57 B C L60
MRS GEORGE A ROSENBERG B A63
HARVEY ROSENBLOOM B COM52
HIRSH ROSENFELD B A28
ANDREW ORIN ROSENGREN B SC72 M D74
CLARENCE ROSENHEK B A28 B C L31
MARK M ROSENSTEIN B A60 B C L63
PERRY ROSENTHAL B SC54 M D58
ROBERT W ROSENTHAL B COM32
EDWARD ROSENTHALL B SC37 M SC38
LEONARD ROSENTHALL B SC49 M D56
ARTHUR ROSKIES B COM48
ROBERT M ROSS JR M D54
ALAN S ROSS M D27
COLIN M D ROSS B SC58
D GRANT ROSS B SC(AGR)56
DAVID H ROSS D D S66
DOROTHY J ROSS B A30 P H D39
GERALD H B ROSS B COM66
JOHN ARTHUR ROSS B COM27
KENNETH H ROSS B SC33
N WILLIAM C ROSS B A64
MRS ERNEST ROSSITER B A37 M A39
BRIAN PAUL ROSSY B A67
EDWARD ROSSY B A46
LAWRENCE GEORGE ROSSY B A65
RAYMOND P ROSSY B A50
ANDREW ROSTAING
JOHN S ROSTANT B SC48 M D52
SAM ROTH B ENG48
M L ROTHMAN B A51 B C L54
MRS RICHARD ROTHOLZ B A64 M S W66
WILLIAM ROTHWELL M D37
JOSEPH A ROTONDO B SC71 D D S73
HARRY L ROUNTHWAITE M D49 M SC52
MALCOLM T ROURKE B ENG50
RALPH F ROUTLEDGE B ENG47
LYON ROWE P H D36 M D45
LORNE A ROWELL B ENG35
JAMES A ROWLANDS B SC51 D D S52
JOHN H ROY
RICHARD HARRY ROY B COM57
ANDREW J ROZYCKI B SC65 D D S69
JEFFREY I RUBIN B SC67 M D71
LIONEL I RUBIN M A31 B C L35
MRS DANIEL RUDBERG B A56
R BRUCE RUDDICK B SC38 M D44
JERRY RUDEN B ENG54
CARROLL A RUSSELL M D38
ROBERT C RUSSELL
MRS BRUCE RUTLEDGE B SC(H EC)66
ALLAN EDWARD RYAN DIP MGMT72 M B A73
MRS JOHN W RYAN B A28
ALEXANDER SAHAROV B ENG58
DAVID SAIBIL B A28 M D36
A HAMID SALEEMI M L S68
JAMES R SALT P H D72
REGINALD A SALTER M D26
MORRIS SAMOTIS B COM54
JACQUES E SAMSON B ENG63
KALMAN S SAMUELS B SC49
PETER B SAMUELS M D48 M SC52
MRS JOHN W SANCTON M S W72
WILLIAM D SANDERS D D S55
LESLIE A SANDERSON
MELVYN SANDLER B SC63 D D S64
C A SANKEY M SC28 P H D30
DOMINIC A SANTANA D D S59
JOHN H SARGENT B A64
MRS JEAN SATTERFORD
MICHAEL A SAUCY B SC58
G DOUGLAS SAUER B SC(ENG)31
ERNEST E SAUNDERS B A47 B C L50
GEORGE R SAUNDERS B ENG34
PEDRO SAURET
BARRY REGINALD SAVAGE B ENG65
DONALD C SAVAGE B A54
MRS STEPHEN J SAVIDANT B SC70
CARL S SAWYER M D39
VICTOR E SBARBARO M D36
VINCENZO C SCALI M D71
STEVEN SCHAFER B SC75
FRANK V SCHAPIRA B COM61
THEODOR H SCHAPIRA B SC73 M D75
NORMAN SCHATZ
NATHAN SCHECTER B SC32 M D36
MRS ESTELLE SCHECTER B S W51
PAUL C SCHEIER D D S58
FRANK JAMES SCHELL B SC72 M D77
DAVID SCHIFF B SC57 M D61
FRANCES SCHILTZ M D23
LEONARD G W SCHLEMM B SC36 M SC39
JEFFREY Y SCHNADER M D79
CLARENCE SCHNEIDERMAN B A39 B COM41
MRS GERALD SCHNEIDERMAN B A63 M SC(APP)67
MRS RONA SCHNEIDERMAN
WILLIAM SCHOFIELD B ENG33
ANNE SCHUELTZ B A79
MRS R PHILIP SCHULZE B SC(H EC)59
T SCHUR
CHARLES G SCHURMAN JR M D55
ALBERT J SCHUTZ D D S55
PAUL G SCHWAGER M D39
EARL S SCHWARTZ B A51 B C L54
ISAAC SCHWARTZ B A48
JACK P SCHWARTZ B A51
LIONEL SCHWARTZ B A60 B C L63
MAX A SCHWARTZ B A28 B C L31
ARTHUR C SCHWEITZER B A59 B C L62
AUGUST C SCHWENK M D60
FRANK R SCOTT B C L27 L L D67
C E SCOTT
MRS ERNEST SCOTT B A27
GARRY ALEXANDER DONALD SCOTT B A74
JOHN B SCOTT M D37
MARIANNE F SCOTT B A49 B L S52
MRS MICHAEL SCOTT B A50
RONALD SIDNEY SCOTT B ARCH52
STEPHEN ALLAN SCOTT B A61 B C L66
MRS WILLIAM E SCOTT B A47
WILLIAM J SCOTT P H D72
WILLIAM M SCOTT B COM51
C GEOFFREY F SEAGRAM B A59 M D63
H F HUGH SEDGWICK B A53
BENJAMIN SEDLEZKY B SC48 D D S53
ISADORE SEDLEZKY M D38
MRS ISADORE SEDLEZKY DIP S W64
JOHN F SEELY M D62 P H D73
E T H SEELY B A31
MRS E T H SEELY B A31
H HERSCHEL SEGAL B A55
PERRY M SEGAL B SC55 M D59
LEONARD SEIDMAN B A69 B C L72
HAROLD L B SEIFERT B ENG37
* P SEKELJ
STANLEY LYON SELINGER B C L65
IRVING SELTZER B SC54 D D S56
BOHDAN SEMCZYSZYN B ENG77
IVO SEMENIC B ENG55
JACQUES SENECAL B C L23
PIERRE MICHEL SENECAL M D43 DIP MED47
ALVIN T SETTER B ENG50 M B A79
HUGH G SEYBOLD B ENG33
MANUEL SHACTER B A44 B C L47
MAURICE S SHAMY
STEPHEN SHANAHAN D D S81
WM A SHANDRO M D33
JOHN A SHANKS M D50 DIP MED57
DAVID J SHANNON B SC68 M D73
ALLAN HARVEY SHAPIRO D D S72
BARRY H SHAPIRO B A61 B C L64
BERNARD J SHAPIRO B A56
DAVID S SHAPIRO B A58 D D S62
ERNEST S SHAPIRO B ENG54
GORDON R SHARWOOD B A53
THEODORE G SHATTUCK M D70
RICHARD M SHATZ B SC59
IAN B SHAW B COM39
MRS KEITH W SHAW B A37
RICHARD A SHAW B SC66
DION CHARLES SHEA B SC81
LINDLEY SHECTOR B ENG37
GERALD SHEFF B ARCH64
NATHAN M SHEINER B SC53 M D57
MRS NATHAN M SHEINER DIP ED51
JOE Y SHEN B ENG61
PETER W SHENON M D58
GROSVENOR H SHEPHERD M D34
MARGARET A SHEPHERD M D77
ROBERT WALLACE SHEPHERD M D76
ADRIEN SHEPPARD B ARCH59
GILBERT SHERMAN B A31 D D S36
HENRY SHIBATA
GEORGE SHIMO M D44
ANTHONY SHINE B ARCH53
DAVID T SHIZGAL D D S39
SEYMOUR SHLIEN B SC68
WILFRED SHUCHAT B A41
GEORGE ANTHONY SHUNOCK D D S65
ABE SHUSTER B SC49 B C L53
JOSEPH SHUSTER B SC58
SAMUEL SHUSTER B SC(ARTS)31 M D36
MARCEL L J SICARD B ENG52
IRVING H SIEGEL
HARVEY H SIGMAN M D57 M SC60
MICHEL SILBERFELD B SC66 M D70
DANIEL SILVER B SC60 M D64
MRS DANIEL SILVER B A54 M S W56
ISSIE I SILVER B A54 D D S58
MALCOLM D SILVER M SC61 P H D63
R C SILVER B SC(ENG)27 M SC29
LEONARD SIMMERMAN B SC(P E)53
MRS GUSTAVE SIMONS B A36
MRS HERBERT M SIMONSON B A44
RUDOLF A SIMOONS B ENG60
MELVIN O SIMPSON JR B ENG51
MRS MELVIN O SIMPSON JR B A49
RONALD G SIMPSON M D61
GORDON C SIMPSON B ENG51
JAMES MARTIN SIMPSON
ROBERT J SIMPSON B ENG50
RICHARD P A SIMS B SC47 P H D50
VALERIE A SIMS M S W58
R V COLVILLE SINCLAIR B C L12
BRIAN J SINCLAIR B SC64
GERALD SINGER B ENG38
EMIL SKAMENE
G BERNARD SKINNER B SC50 M D54
FRANK L SKINNER M D36
DANIEL N SLATKIN B SC55 M D59
W R SLATKOFF B A29 M D34
STEPHAN J SLESAR M D59
PETER SMALL B SC67 M D71
ROBERT SMALLEY M D54
ALFRED P SMIBERT B COM42
GEORGE W SMILEY B ENG36
ASA JOSEPH SMITH M D52
DAVID P SMITH B SC66 M D70
DAVID R SMITH B SC60 M D64
ADAM W S SMITH B SC(ENG)23
ALBERT B SMITH M D38
ANDRE SMITH
BROCK A SMITH B COM64 M A69
C MARGARET SMITH B N64 B A71
CATHERINE E SMITH B N63
E KENNETH SMITH M D42
ERIC R SMITH B SC(AGR)41
GEORGE T SMITH
GERALD J SMITH B A39
GORDON W SMITH B ENG58 P H D67
HARRY SMITH
HEDLEY A SMITH
LARRY SMITH
P D P SMITH B SC34 M SC36
SYDNEY G SMITH B ENG59
PHYLLIS SMYTH B A59 B D64
MELVIL N SNELL M D50
ROSCOE SNODGRASS
VERNON A SNOW M D27
MRS HAROLD L SNYDER B SC(H EC)51
HOWARD P SNYDER M D38
JEAN N M SNYDER B A29
STEPHEN P M SO B SC66 D D S70
RICHARD SOARE B A79
PHILIP I SOIFFER B ENG61
EDWARD B SOLOMON M A60 M D64
DAVID SOLOMON D D S48
SAMUEL SOLOMON B SC47 P H D53
MRS SAMUEL SOLOMON B A48
CAROL SOLYOM NUR61 B SC67
THOMAS A SOMERVILLE B ENG48
FRANK GRAHAM SOMMER M D72
RONALD P SOMMERVILL M D53
RAJMUND L SOMORJAI B SC60
WARREN Y SOPER B A42
C WILSON SPENCER B SC(AGR)39
JOHN D SPENCER B ENG48
LIONEL A SPERBER B A21 B C L24
MURRAY B SPIEGEL B C L53
WALTER SPITZER
JOHN D SPIVACK B ENG42 P H D47
ROBERT W SPOKOWSKI B ENG70 M ENG72
MELVILLE A SPOWART B COM54
GEORGE H SPRATT B SC(ENG)28
GORDON W SPRATT B ENG53 M ENG56
JOHN D SPRING M D30
MRS JEAN JORDAN SPRINGER B ED78
ROBERT S SPROULE B ENG37
DAVID SPURRELL B ENG58
MICHEL E ST CYR B ENG68
CLAUDE ST HILAIRE B ENG53
BERNARD J C ST ONGE B ENG51
BRUNO ST-JEAN B SC(ARCH)76 B ARCH77
MRS ARTHUR JOHN STACEY DIP P T47
COLIN M STAIRS B ENG48
JOHN W STAMM
PAUL R STANFIELD B ENG66
W DONALD STANIFORTH B ENG48
ELLEN STANSFIELD B A29 M A31
ELIZABETH STANTON B A40
FREDERICK STAPENHORST
ANDREW D STARKE B COM24
ISADORE STARR B SC42
ALFRED G STAUBLE B ENG55
WILLIAM J STAUBLE B SC48 M D52
MRS ARON Y STAVISKY B A57
MRS H R STEACY B SC47
MRS ROBERT STEDMAN B SC45
DAVID A B STEEL B C L57
LEA C STEEVES M D40 DIP MED47
BENNETT M STEIN M D55
ALBERT L STEIN B A29
MARCUS STEIN B ENG34

*Deceased

WILLIAM G STEIN M D58
ESTELLE STEINBERG B A33
HENRY STEINBERG B A57 B C L60
MRS HENRY STEINBERG B A59
IRWIN STEINBERG B COM60
MARVIN H STEINBERG B SC70 D D S72
SEYMOUR D STEINMAN B A59 B C L64
NICOLAS STEINMETZ B SC59 M D63
C RONALD STEPHEN B SC38 M D40
L J STEPHENS
S ALLAN STEPHENS B ENG62
DONALD G STEPHENSON B SC49 M D54
LLOYD G STERN B A39 M D43
BERNARD A STEVENS B SC51 P H D55
GARTH STEVENSON B A63 M A65
IAN P STEVENSON B SC42 M D43
RICHARD H STEVENSON B COM42
WILLIAM F STEVENSON DIP AGR60
MRS D D STEWART B A32
LAURA F STEWART B A34 B L S48
LEVER F STEWART M SC56
MARY H STEWART B A35
ROBERT C T STEWART B ENG49
H HEWARD STIKEMAN B A35 B C L38
MRS W JOHN C STIKEMAN B A40
MRS FRANGA STINSON M A63
NORMAN C STINSON B COM42
SAUL S STIPELMAN B ENG50
DONALD V STIRLING B A54 B D58
COLIN V STIRZAKER D D S62
GERALD S STOBER B SC48 M D50
MRS WILLIAM A STOCKER B SC(H EC)59
SUZAN CARTER STODDER B SC80
BEN STOKES B COM49
FRED V STONE B A31 M A33
JOHN STONEHEWER B ENG46 M ENG62
* JACK G STOTHART B S A32 M SC(AGR)36
J H STOVEL ENG34
MRS J H STOVEL B A48
BRUCE E STRADER M D71
ZENO STRASBERG B SC60 M D64
GORDON STRATFORD B ARCH79
MRS EMMA STRATHY M ED73
MACKENZIE DEB STRATHY B COM53
L RAMSAY STRAUB M D40
RUBIN STRAUSS B A29 M D35
HANNA STRAWCZYNSKI
JOHN STRICKS B SC63 M D67
MRS OSCAR STROMBERG ED38
MRS ROBERT B STRONACH B A43 B L S44
WILLIAM N STRONACH B COM46
ROGER D STRONELL M D71
FRANCIS STRYBLE M D35
JAMES R STUART M D45 P H D57
W WALLACE STUART B COM40
JOHN D STUBBS M D56 B SC56
CHARLES P STURDEE B ENG34
MARVIN STUTMAN B SC65 D D S67
DAN SULITEANU B ENG59 DIP MGMT75
JAMES D SULLIVAN M D62 M SC67
PHILIP B SULLIVAN M D41
THOMAS J SULLIVAN M D54
GUNARS SULTMANIS D D S56
JAMES WILLIAM SURBEY B ENG73
L L B76
MRS HYMAN SURCHIN B A44
RICHARD S SURWIT P H D72
FRANK H SUTCLIFFE B ENG53
HUGH S SUTHERLAND M SC29 P H D31
LLOYD ROBERT SUTHERLAND M D73
WALTER S SUTHERLAND B SC(ENG)16
ALAN SWABEY B COM30
DAVID W SWALES B SC59 M D61
MRS MORRIS SWALSKY B N49
BASIL A SWAN B ENG51
J N SWARTZ B ENG34 P H D37
G PATRICK SWEENY M D54
SIDNEY T SWEETING B SC61 D D S63
J ROBERT SWIDLER B COM68
JOHN SWIDLER B COM65 B C L69
LIONEL D SWIFT B ENG34
DONALD C SWOGER B A52 M L S66
JAMES F SYMES M SC73
PETER L SZEGO B SC61 M D65
EDWARD TABAH B SC40 M D42
ROGER JOHN TABAH M D80
WILLIAM E TAFT B SC44
ALEXANDER H TAIT B ENG37
G EWING TAIT B SC(ENG)30
G RODNEY TAIT B ENG61 P H D71
JOHN CHARLES TAIT B C L72
MRS TEKLA ELSE TAMMIST B L S50
HOWARD L TANENBAUM B SC57 M D61
S Y SIMON TANG B ARCH65
E G TANNAGE B A38 B C L41
HYMAN TANNENBAUM B SC65 M D69
GLORIA SHAFFER TANNENBAUM B SC59
P H D76
ISAAC TANNENBAUM B SC43 M D44
MRS ISAAC TANNENBAUM B A44 B SC46
JURATE TANNER B SC52 P H D56
T MUNCEY TANTON M D41
JOHN TATAM
WILLIAM G TATHAM B A69
STANLEY TAVISS B A53 B C L56
MRS NEALE H TAYLER B SC48
WILLIAM A TAYLOR B SC44 M D45
CLAUDE I TAYLOR
MRS E DOUGLAS TAYLOR B A49
FREDERICK TAYLOR B ARCH30
GORDON R TAYLOR M A33
JAMES D TAYLOR B ENG66
JOHN L TAYLOR B SC47 M D49
JOHN S TAYLOR B ENG49
NORMAN EARLE TAYLOR B SC74
WADE A TAYLOR COM24
CECIL T TEAKLE B A24
ROBERT C TEDFORD B COM63
MRS ROBERT C TEDFORD DIP P T65
PHILIP M TEIGEN
SAM TEITELBAUM
ALBERT D TEITLEBAUM B SC58 P H D67
ALAN TENENHOUSE P H D59 M D62
IVAN C N TENNANT B SC52
JOHN D TENNANT B COM63
MICHAEL LESLIE TERRIN M D74
MRS F RICHARD TERROUX B A21 P H D30
CLAUDE M TETRAULT M A40 B C L49
JACQUES TETRAULT B COM49 B C L52
HENRY C THACHER M D39
JAMES C THACKRAY B SC46
MARC G THERIAULT B ENG68
JEAN THIBAULT
B EDMOND THOMAS M D36
W DESMOND THOMAS B A47 B C L50
BRUCE THOMASSIN M D79
LORENZO THOMASSIN
WALTER L THOMLINSON B ENG38
GEORGE H THOMPSON M D47
ARTHUR BACON THOMPSON M D36
CLIFFORD S THOMPSON M D25
JOHN D THOMPSON B ENG57
THOBURN F THOMPSON M D57
THOMAS B THOMPSON B SC(PE)58 M ED78
ALEXANDER B THOMSON B C L48
GEORGE A THOMSON B COM47
BENJAMIN J THORPE B A28 M A32
C BRUCE THRASHER M D54
DONALD S THURBER M D25
MRS GUNHILD TIBBETTS
W W TIDMARSH M D43
RAOUL TIELENS
WALTER B TILDEN B COM50
JAMES M E TILDESLEY B COM36
DAWSON H TILLEY B COM52
SAMUEL TIRER B SC72 M D76
JOHN TODD
ANDREW G TOEMAN D D S66
H MARTIN TOLCHINSKY B ARCH52
M WILSON TOLL B SC38 M D40
MRS ERIC TOLLER B SC(H EC)51
MRS CATHERINE TOMAN B A76
FRANK M TOMITA B ENG59
GEORGE S TOMKINS M A52
RALPH J TONELLI B ENG49
E FULLER TORREY M D63
DAVID L TORREY
JOSEPH TOTH DIP MED67
BENOIT TOUSIGNANT
CHARLES H TRASK M D55
SUSAN E TRECARTIN B SC68 M D72
JAMES W TREMAIN B ENG55
FERN L TREMBLAY B ENG55
GILLES G TREMBLAY B ENG50
HARRY E TRENHOLME B COM48
MRS ROBERT L TRERICE
J LOCH TRIMINGHAM M D66
MARSHALL TROSSMAN B A43 M D50
LORNE I TROTTIER B ENG70 M ENG73
MRS FRANKLIN A TSAO B SC56
MARIUS HA-CHE TSUNG M ED72
MICHAEL L TUCKER B ENG53
ALBERT A TUNIS B A48
JAMES S M TURNBULL B SC65 M D69
J GILBERT TURNER M D32
ALICE W TURNER B A27 M A28
RUSSELL D TURNER B ENG70
E W TWIZELL
RICHARD C U'REN M D64
IKKUN UHM
MRS T N URBAN JR B A58
SHEILA J USHER B A57
ERNEST S USZKAY B ENG58
ALBERT VACHON D D S56
LESLIE VADASZ B ENG61
PIERRE VALIN B SC72 M SC74
RAYMOND H VALLIERES B ENG51
RICHARD L VAN DEN BERGH B A54
M D59
LIANA I VAN DER BELLEN B A52 M L S67
RONALD VAN DER WEE
MRS WILLEM VAN ITERSON M S W68
MRS M J VAN LOBEN SELS B A33
H TERRY VAN PATTER B SC47 M D49
MRS MAGTILDIS VANDERSTAP
A MURRAY VAUGHAN
ROBERT P VAUGHAN B ENG40
JACK VERMEEREN M D45
MAURICE A VERNON B A49 M D51
JEAN VEZINA
INGRID M VICAS B SC70 M D76
HERSCHEL VICTOR B COM44
WILLIAM VICTOR B COM31
MRS WILLIAM VICTOR B A32
ROLAND J VIGER M D33
CLAUDE VILLENEUVE B ENG57
JOHN VINCELLI D D S51
MICHAEL D VINEBERG B C L68 M A68
ROBERT R VINET
EARLE J VINING B COM49
W S FRASER VIPOND B A49 M D53
MRS MARY VLAHAC
PAUL VON HAESELER M D31
MRS F VONA
MICHAEL P VOTICKY B COM71
JEROME WACHSBERG
ALISTAIR J WADE B ENG51
HAMILTON G WADMAN M D50
RICHARD HARVEY WAIT M D57
* KEITH P WAKE B ENG49
H EDITH WALBRIDGE B A34 DIP P E35
DONALD T WALCOT B A63
HARVIE D WALFORD B ENG49
J HARRIS WALKER M D43
JAMES A WALKER B SC(AGR)51
JEAN M WALKER B A44
JOHN M WALKER
LAURENCE R WALKER B SC35 P H D39
MRS T F WALKER B A19
WILLIAM I WALKER B ENG59
MRS WILLIAM I WALKER B SC59
JAN WALL M SC75
SHIRLEY WALLACE M S W56
A BRADFORD WALSH B SC(AGR)36
ALLISON WALSH B A33 B C L36
JAMES L WALSH D D S70
KENNETH WALSH B SC(AGR)51
JAGANNATH K WANI P H D67
HUGH W WARBURTON B A46
* J ARTHUR WARBURTON B SC(ENG)13
LINDA A WARD M D71
LOUIS E WARD M D71
WALTER G WARD B ENG42
G J WAREHAM
MRS A H WARNER B A18
HARRY M WARNER B SC32 M D36
G MARGUERITE WARNER B N69
M SC(APP)75
M S ARDELE WARR B A71
HERBERT H WARREN B COM30 C A31
J C ROGER WARREN B ENG56
J H WARREN
W A WARREN B SC(ENG)24
JACK WASERMAN B SC73 M D75
ROBERT A WASHINGTON P H D61
MRS JOHN J WASSERMAN B A29 M A30
WM REID WATERS M D55 B SC55
DOUGLAS L WATERSTON B SC(AGR)45
BARRAUD J WATSON M D53
ALLAN G WATSON ENG42
LOUISE B WATSON B O T70
MRS N WM WAWRO B SC45
A C WEAVER B ENG43
MRS DORRIEN WEAVER B A36 DIP S W38
WALTER E WEBB B ENG50
RICHARD V WEBBER B ENG75
D R WEBSTER M SC30 P H D33
PETER W WEBSTER DIP AGR63
RICHARD C WEBSTER B COM32
DANA A WEEKS M D36
PATRICIA BOHAN WEEKS M D51
CLAIRE A WEIDEMIER M D64
ALLEN WEIGENSBERG B SC(AGR)73
FRED WEINSTEIN
DAVID J WEISER B SC66 M D70
DONALD E WELCH B ENG61
FREDERICK E WELDON B SC(ENG)29
M SC30
G BARRY WELDON B ENG70
J DALE WELDON B A50 M D54
MRS LORETTA WELDON
WILLIAM F WELLER M D45
D S WELLS
MRS DONALD S WELLS B ED60
RICHARD F WELTON B SC(AGR)54
M SC(AGR)69
G E WEMP
MARVIN WERBITT B SC67 D D S71
JAMES W WESTCOTT M A50
GILBERT B WESTMAN B SC50 M D54
GERALD B WEXLER B SC68 D D S70
STEPHEN H WEYMAN M D45
MRS ERIC E WHEATLEY B A32
ROBERT JOHN WHEATLEY B COM72
GEORGE F WHITAKER B ENG54
BENJAMIN B WHITCOMB M D35
AILEEN WHITE
FRANK D WHITE B COM54
JOHN J WHITE M D57
KERR LACHLAN WHITE B A40 M D49
LYDIA WHITE P H D80
PETER G WHITE B A60
V MICHAEL WHITEHEAD M D59
MRS W ROY WHITEHEAD B SC(ARTS)25
RUTH M WHITLEY B A29
RODERICK L WHITMAN M D39
PHILIP WHITTALL B ENG59
N BLAIR WHITTEMORE M D60
JOHN F WICKENDEN JR B ENG59
A PATRICK WICKHAM B C L49
ARTHUR WICKHAM B C L52
MAURICE M WICKLUND M D43
FRED WIENER B SC42 M D43
MICHAEL GEORGE WIENER B COM66
ERNEST J WIGGINS P H D46
MRS ALLAN J WIGHT B COM33
JOHN B WIGHT B COM47
L JEAN E WIGHTON B A23
JOHN WILCOCK B ENG51
JAMES H WILDING B SC(AGR)54
JOHN R WILKEY M D31
BERNARD WILLIAM WILLERS B COM78
ELDON S V WILLIAMS B SC56 M D60
A L MURRAY WILLIAMS B A51
CHARLES M WILLIAMS B ENG49
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McGill was well represented this year at the huge June 12 disarmament rally in New York City.

McGill Daily: Ed Arzouian

How McGill learned to start worrying and loathe the bomb

by John Sainsbury

On Christmas Day, 1959, a handful of McGill undergraduates, together with others from across the country, signalled the Canadian birth of student radicalism by staging a political demonstration in Ottawa. The youthful marchers – members of the newly formed Combined Universities' Campaign for Nuclear Disarmament (CUCND) – were forsaking Yuletide celebration to protest what they feared was Canada's imminent entry into the nuclear arms race. Their specific intent was to challenge the Diefenbaker government's plan to accept U.S. atomic warheads for its Bomarc missiles at North Bay, Ontario, and La Macaza, Quebec.

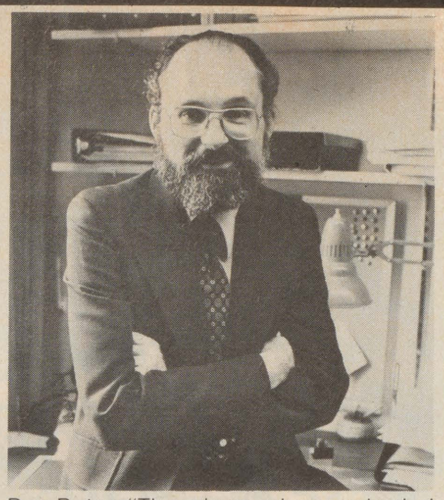
As lonely pioneers of university activism, the McGill student participants in this early Ottawa march against nuclear weapons returned to a campus that did not applaud such anti-establishment stirrings. And at that time the *McGill Daily* reflected the conservatism that characterised most of the university's undergraduates. On Armistice Day, 1960, some

McGill students joined others in a "ban-the-bomb" march from the Roddick Gates to the Cenotaph in Dominion Square – but the subsequent issue of the *Daily* failed to notice the event. Predictably its entire space was devoted to celebrating the Redmen's 21-0 victory over Queen's, which brought back the Senior Intercollegiate Football Championship to McGill after twenty-two years. Later an editorial in the *Daily* referred to the "interesting and idealistic young men and women" of the CUCND before dismissing their movement as misguided. Sometimes McGill students were not merely patronising, but overtly hostile to the disarmament movement. "They tended to label us as communists or communist sympathisers," recalls Dimitri Roussopoulos, the first chairman of the CUCND.

McGill members of the CUCND look back with some pride at being members of a political *avant-garde.* But they also remember the movements' adherents as being dogmatic and naive in their suppositions. "You could always predict what their views would be on just about everything," recollects McGill's Dean of Arts Michael Maxwell, DipAgr'54, MA'61, PhD'66 – an active member of the CUCND while a graduate student at McGill.

What particularly characterised the movement in Canada was its conviction that the older generation had become hopelessly addicted to war and violence and that world salvation lay in the hands of youth. The leading publication of the peace crusade was pointedly entitled *Our Generation Against Nuclear War.* Its first issue, in the fall of 1961, declared that "the values, sentiments and thinking of our generation are different from that generation of people that is bent on war because of its crippled thinking." In one article, Maxwell, who worked as an associate editor of the journal in its early years, dismissed the reasoning of a proponent of nuclear arms on the grounds that he "belongs to the old order, to that other generation."

Harold Rosenberg



Don Bates: "There is an advocacy buried in the idea of dispensing information about the horrors of nuclear war."

Such blanket condemnations of the older generation were, in fact, misplaced, because several of McGill's senior faculty members were among the first Canadians to voice alarm at the dangers of the nuclear arms race. Led by veteran peace crusader, Professor Frank Scott, BCL'27, LLD'67, they formed a committee in 1959 for the study and control of radiation hazards and helped puncture a disturbing complacency about the consequences of nuclear fallout. Their pioneer work was implicitly endorsed by a future McGill Principal Robert E. Bell, PhD'48, DSc'79, while he was director of the university's radiation laboratory. In an article in *Christian Outlook,* he condemned the "basic immorality" of civil defence and shelter programmes that were "not remotely commensurate with the tasks that they would face in nuclear war."

Some of the loudest voices against nuclear arms were raised by members of McGill's Faculty of Divinity, led by its dean, James S. Thompson, a former United Church moderator. They promoted petitions, letter-writing campaigns, and public debates designed to dissuade the Diefenbaker government from accepting nuclear warheads. Though pacifist in ideology, the Christian faction was scarcely so in its conduct. "We were a pretty aggressive bunch at that time," recalls Divinity Professor J. Arthur Boorman, an outspoken advocate of unilateral disarmament. Boorman remembers especially a lively and well-attended debate in Redpath Hall between Tory member of parliament, Egan Chambers – an advocate of nuclear arms for Canada – and his opponent H.H. Walsh, a McGill professor of church history.

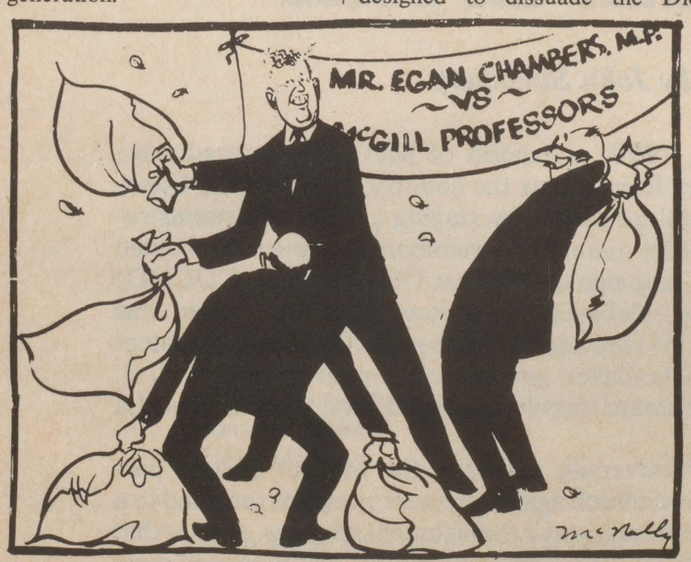
Although the government of Lester B. Pearson would eventually accept nuclear weapons, the disarmament campaign dwindled in the late 1960s – a time when, ironically, political militancy on McGill's campus was reaching unprecedented heights. "The war in Vietnam pushed the nuclear issue out of people's minds," explains Boorman. When the disarmament issue was raised, it would often be tossed in promiscuously with more immediate student demands, such as a larger voice in the university administration and the need for coeducational dormitories.

But now, with the collapse of *détente,* a hawkish administration in Washington, and a new generation of atomic warheads about to be installed in Europe, the nuclear disarmament movement has returned to McGill, stronger than ever before.

The disarmament organisation, Project Ploughshares, receives enthusiastic student support; and the university was well-represented at the massive peace demonstration in New York City on June 12. An organisation called the McGill Study Group for Peace and Disarmament has been established and enjoys official recognition from the university – an indication that concern over nuclear warfare has become pervasive at McGill and is no longer confined to dogmatic pacifists and self-consciously rebellious students.

The study group's stated purpose is to disseminate objective information and stimulate research on issues relating to peace and disarmament. This ostensibly non-partisan approach reflects the "hard-headed realism" that informs the current debate on the nuclear issue, according to the group's chairman, Dr. Donald Bates of the department of humanities and social studies in medicine. And, though he bears the lineaments of a long-time peace activist, Bates is anxious to dissociate his group's work from the "naiveté and moralising" by which, he recalls, earlier disarmament movements were characterised.

He stresses that the main function of the study group is educational; but he concedes that "there is an advocacy buried in the idea of dispensing information about the horrors of nuclear war." Above all, Bates believes that the university has an enormous social responsibility to devote some of its resources to the issue of nuclear disarmament. "After all," he says, "this has got to be the biggest issue that confronts us, or has ever confronted us." □



Montreal cartoonist McNally depicted a 1962 McGill nuclear disarmament debate as a big pillow fight.

Sharry Flett and Curzon Dobell: On Stage at Stratford

by Kathe Lieber

McGill has always been well represented at the Stratford Festival, both on the pillared, porticoed stage and behind the scenes. This year two young McGill graduates – Sharry Flett, BMus'72, and Curzon Dobell, BA'78 – were proud to be part of the company in the festival's thirtieth anniversary season. Both actors maintain an enthusiasm for the minutiae of theatre life, the special quality of the Stratford stage, and the opportunity to perform in well-produced drama classics. And as both pause to reflect on the season past, they express strong and articulate views on internationalism at Stratford and the enriching role that theatre plays in our society.

Flett has just wound up her second Stratford season. "I'm still so excited about the extraordinary reaching for perfection," she says. "It's so many things: being fitted for wigs that are made by hand, and people bending over those wigs and taking one little hair and knotting it and then going on to another little hair to get that wonderful hairline that looks so natural. And being fitted for shoes that are custom-built to go downstairs. And most of all, what Artistic Director John Hirsch is trying to do: create a very strong, stable group of actors."

Flett grew up in Sarnia and Don Mills, Ontario. Her first love was music, and she came to McGill to study both voice performance and school music. She became involved in the Lunchtime Theatre and in a number of Opera Workshop productions staged by Professors of Music Edith and Luciano Della Pergola. "The Della Pergolas were a great influence. And now they come filled with support and see everything I do," says Flett. "Mrs. D.P. is so totally impassioned with music, great humour, and such a sense of the theatre. She's really influenced what I've done in my life."

Originally bent on a singing career, Flett came to a crossroads when she went to study in England after graduation. "I realised that probably with my voice (a light lyric soprano) I would end up playing a lot of maids, and there was so much more to learn." Returning to Canada, she played a variety of roles at the Charlottetown Festival, ranging from Wallis Simpson to Miss Stacy, the teacher in *Anne of Green Gables.* She has acted in regional theatre across the country and feels that "it's very important for the working actor in Canada to be mobile." She has also performed in television drama for CBC, including *War Brides,* which brought her an ACTRA award nomination.



Robert C. Ragsdale

Sharry Flett plays Miranda to Jim Mezon's Ferdinand in *The Tempest.*

In 1981 Flett was invited to join the Stratford company. "John Hirsch had seen me play Wallis Simpson," she recalls. "Initially, I was offered a couple of nice supporting roles, but as circumstances progressed, I ended up in two major roles (Katharina in *The Taming of the Shrew* and Célimène in *The Misanthrope).* I have absolutely no regrets. I was open for criticism, and I recognised the risks. I didn't read any of the reviews until this season."

In 1982, Flett played Miranda in *The Tempest* and Sarah, a mute, in *Translations,* by Irish playwright Brian Friel, a play set in the 1830s. "Miranda is a wonderful role – a creature who has no experience, but so much instinct and intuition and wisdom ... she is definitely *not* a wimpy lady!" Sarah, on the other hand, presented a new challenge. "It was a question of finding the silent language that's afire inside her," Flett explains.

Actors have a very special feeling for the

Elizabethan-inspired Festival Theatre stage. "It's a space that has its own breath and its own life force," says Flett. "You walk onto it, and it's so filled with history! It's a privilege to work on that stage. It demands that you become better and better at your craft."

Curzon Dobell shares Flett's enthusiasm. Although the Festival Theatre seats 2,262 people, the 220 degree sweep of its stage creates an intimate atmosphere to insure that no one will sit more than 65 feet from the boards. "The audience wants to see your face, to see you react, to see your eyes if possible," explains Dobell. "When you're standing on the stage, everyone looks so close that you could reach out and touch them, even in the back row. The theatre looks smaller than Moyse Hall. And I've learned a lot watching some of the actors – how they move around the stage and take everyone in."

The American-born Dobell grew up in Montreal and applied to McGill in 1975. "I also auditioned for the National Theatre School," he says. "I didn't get in, and I think I'm really lucky. If I'd gone into the N.T.S., I would never have known for sure whether I wanted to be an actor – they just would have told me, 'That's why you're here.' Going to McGill gave me an opportunity to experience many other things and take courses in other areas."

In the drama programme, Dobell took part in productions put on by the McGill Players, the Tuesday Night Café, and the English department. He remembers with special pride a class project for a course in developmental drama with Professor Eva Russel, a controversial production of Antonin Artaud's *Jet of Blood*. He also co-directed Edward Albee's *The Zoo Story* and acquired a fondness for directing, which he still has today.

After graduation Dobell was accepted by the Bristol Old Vic Theatre School in England. "We worked predominately with older texts," he recalls. "I have a great respect for classical theatre and its traditions. You do research, use your glossary, and get on with the job. Any actor who can get a good grasp of the classics and understand the text will have an easy time with modern plays."

He came back to Montreal in 1980 and acted in several Phoenix Theatre productions before moving to Toronto. "I had twenty auditions that year, and I got two jobs," he says. "I was in a production of *The Lion in Winter* with several Stratford actors – Martha Henry, Colin Fox, and Stephen Russell. Then I auditioned for Stratford myself, and here I am." In his first Stratford season, Dobell played walk-on roles in *The Tempest* and *The Merry Wives of Windsor* and had a small speaking part, Pindarus in *Julius Caesar*.

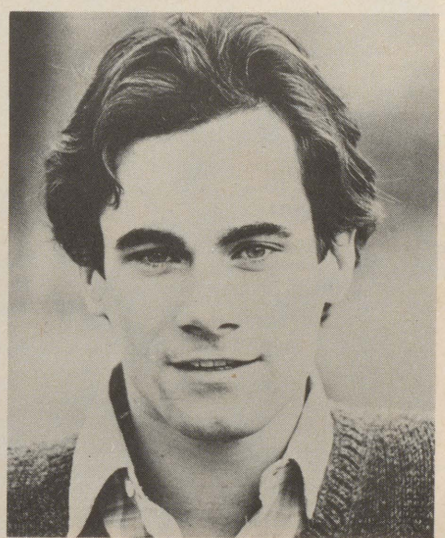
Both actors are concerned about the recent uproar over non-Canadian performers working at Stratford. Says Dobell, "There's something to gain for everyone. That's the great thing about Stratford: the human resources. People of high calibre should be welcomed into any theatre group." Flett adds that "in terms of the life at Stratford, it's very important to continue to have the heavyweights. Internationalism is very important."

Stratford plays a very special role, feels Flett. "It must and will stay alive to constantly nurture the classics and that wonderful language for people to hear. We may be one link to retaining literacy. What I really feel is endangering us is illiteracy, and inability to express ourselves with image. When we have previews here, there are a lot of children in the audience who are just filled with wonder! They see the whole spectacle, and they understand. That gives me hope. But because we're a visual society, we're losing the whole glory of the English language. To be steeped in Shakespeare's language and his imagery is a tremendous privilege." □



Robert C. Ragsdale

Nicholas Pennell (as Cassius) offers the sword to Curzon Dobell (as Pindarus) in *Julius Caesar*.



Curzon Dobell: "I have a great respect for classical theatre and its traditions."



Sharry Flett: "Stratford may be one link to retaining literacy."

WHERE THEY ARE AND WHAT THEY'RE DOING

'27

ABRAHAM EDEL, BA'27, MA'28, author of *Aristotle and His Philosophy* is currently research professor of philosophy at the University of Pennsylvania and a senior fellow of the Center for Dewey Studies in Philadelphia.

FRANK R. SCOTT, BCL'27, LLD'67, has won the Governor-General's Award for poetry for his book, *The Collected Poems of F.R. Scott.*

'29

D. MURRAY ANGEVINE, MD'29, has been presented with the Emeritus Faculty Award by the University of Wisconsin Medical Alumni Assoc. in Madison.

'35

HOWARD J. LANG, BEng'35, has been re-elected a member of the University of Waterloo's board of governors in Ontario.

'36

R. HEATH GRAY, BEng'36, MSc'37, PhD'40, has been installed as the 75th president of the Canadian Institute of Mining and Metallurgy.

MILDRED (BRONFMAN) LANDE, BA'36, has been re-elected vice-chairman of the board of governors of Concordia University in Montreal.

'37

WILLIAM G. BRISSENDEN, BEng'37, MEng'38, is the 1982 winner of the Inco Medal of the Canadian Institute of Mining and Metallurgy.

GORDON MEIKLEJOHN, MD'37, has been honoured with mastership in the American College of Physicians.

EVANS B. REID, BSc'37, PhD'40, retired Merrill Professor of Chemistry and chairman, chemistry department, Colby College, Waterville, Maine, had a one-man, six-week exhibition of eighteen of his paintings, oils, and acrylics, in The Learning Resources Center of the University of Maine, Augusta.

'38

JESSE BIGELOW, BA'38, was recently honoured by the Province of Alberta as the first winner of the Sir Frederick Haultain Prize for his contribution in the humanities and has received $25,000 from the Alberta Heritage Scholarship Fund.

'39

PETER M. McENTYRE, BCom'39, has been elected vice-chairman of the board of governors of Concordia University in Montreal.

DR. THEODORE L. SOURKES, BSc'39, MSc'46, a professor in McGill's biochemistry department, has received the Heinz Lehmann Award at the fifth annual meeting of the Canadian College of Neuropsychopharmacology at Laval University in Quebec.

'40

ORLANDO BATTISTA, BSc'40, the 1982 winner of the American Chemical Society's Award for Creative Invention, has also found time to author the lyrics of a popular song called, *Fort Worth.*

SYDNEY FRIEDMAN, MD'40, PhD'46, the first professor appointed to the University of British Columbia's medical school in Vancouver, has had one of its medical sciences building named after him.

ARNOLD L. JOHNSON, BA'35, MD'40, MSc'47, has been appointed professor emeritus, Faculty of Health Sciences, department of clinical epidemiology and biostatistics, McMaster University, in Hamilton, Ont.

JOHN M. LETICHE, BA'40, MA'41, professor of economics at the University of California, Berkeley, and chairman of the committee in charge of the graduate programme, has recently published a volume entitled *International Economic Policies and Their Theoretical Foundations: A Source Book,* which contains contributions by three Nobel Laureates in economics.

WALDEMAR E. SACKSTON, MSc Agr'40, a professor of plant pathology at Macdonald College, was recently made a fellow of the Canadian Phytopathological Society.

'42

ROLAND FAUCHER, MEng'42, has been chosen as the fifth recipient of The Canadian Institute of Mining and Metallurgy's Dr. A.O. Dufresne Award, set up to recognise distinguished contributions to mining exploration in Canada.

FRANK FOWLER, BEng'42, has become Chairman of the Sanatorium Board of Manitoba.

'43

PETER HELLER, LMus'43, BA'44, a professor of German and comparative literature at the State University at Buffalo, N.Y., has won a 1982 Guggenheim fellowship to study "Freudians and Freud in Vienna, 1928-32."

ARNOLD L. SWANSON, MD'43, is heading up the new quality appraisal programme at the University of British Columbia Health Sciences Centre Hospital, in Vancouver.

'45

GEORGE BOVELL, BScAgr'45, has been appointed to his second four-year term as a senator in the Government of Trinidad and Tobago.

RALPH HOYTE, MD'45, has been honoured by the dedication of a lecture theatre in his name at Mount Hope Hospital, Port-of-Spain, Trinidad.

EDGAR LION, BEng'45, has published his third book, *Building Renovation and Recycling.*

LOUIS NIRENBERG, BSc'45, New York University Courant Institute professor, has been named co-winner of the first international prize in mathematics awarded by Sweden's Royal Academy in recognition of his research contributions to the theory of nonlinear differential equations.

RUTH (HILL) STANLEY, BA'42, BCL'45, received the degree of doctor of laws at the spring convocation of Mount Allison University, in Sackville, N.B.

'46

HYMAN BROCK, BEng'46, has been elected international chairman of Mensa, a high IQ society with members in fifty-five countries.

THOMAS A. EASTWOOD, PhD'46, is director of chemistry and materials division, Chalk River Nuclear Laboratories, in Ontario.

'47

JOHN MOXLEY, BScAgr'47, MSc'52, has been named a fellow of the Agricultural Institute of Canada.

'48

THOMAS GATCLIFFE, BSc'48, an industrial chemist, has been appointed chairman of the board of Sissons Paints, Port-of-Spain, Trinidad.

W.E. DUGGAN GRAY, BCom'48, has been appointed chairman of St. Anne Pulp Sales Company Ltd., and president of St. Anne-Nackawic Pulp and Paper Co. Ltd., in New Brunswick.

LLOYD G. HERMAN, PhD'48, a scientist for over twenty years in the Environmental Service Branch of the U.S. Department of Health and Human Services, has had a new bacterial species, Escherichia hermannii, named after him.

SAMUEL MARX, MD'48, a recent speaker at the Barrie, Ontario, Rotary Club, has been a medical missionary in Honduras for thirty-one years.

JAMES MORTON, MD'48, who has authored a book called *The Dusty Road from Perth,* is the director of the Lung

Function Laboratory at the University of British Columbia in Vancouver.
KENNETH WRIGHT, BCom'48, has been appointed vice-president for sales at Ford Motor Co. of Canada Ltd.

'49
CLAUDE T. BISHOP, PhD'49, is the director of the biological sciences division of the National Research Council.
JOHN FOX, BEng'49, has been appointed vice-president, engineering and special projects, for CP Rail and will be based in Calgary, Alta.
PAUL MARSHALL, BCL'49, is president and chief executive officer of Westmin Resources, a Calgary, Alta., subsidiary of Brascan.
JOHN P. ROGERS, BA'49, has been appointed executive vice-president and chief operating officer of The Molson Companies Ltd.

'50
W.G. BROOKS, BEng'50, has been appointed vice-president, finance and administration of W.P. London and Assocs. Ltd., a Niagara Falls, Ont., firm of consulting engineers.
F. CLARKE FRASER, MSc'41, PhD'45, MD'50, has joined the Faculty of Medicine at Memorial University of Newfoundland.
MORRIE GELFAND, BSc'45, MD'50, chief of the department of obstetrics and gynaecology at the Jewish General Hospital in Montreal, has been elected president of the Assoc. of Obstetricians and Gynaecologists of the Province of Quebec.
STANLEY W. JACKSON, BCom'41, MD'50, is professor of psychiatry and history of medicine at Yale University School of Medicine, New Haven, Conn., and has just completed the second of two one-year terms as president of the Western New England Institute of Psychoanalysis.
HAROLD L. SNYDER, BEng'50, director of the Centre for Cold Ocean Resources Engineering in St. John's, Nfld., has been named a member of the Order of Canada.
DR. GEORGE M. STOREY, BA'50, has been inducted as a fellow of the Royal Society of Canada.

'51
EDGAR M. BRONFMAN, BA'51, was recently awarded the honorary doctor of humane letters degree by Pace University, New York, N.Y.
VIKTORS LINIS, MSc'51, PhD'53, has retired as professor emeritus, department of mathematics, University of Ottawa, Ont.
DR. MAX J. PALAYEW, BA'51, has been reappointed professor and chairman of the department of diagnostic radiology in McGill's Faculty of Medicine.
ISADORE ROSENFELD, BSc'47, MD'51, DipIntMed'56, has written a book called *Second Opinion,* designed to help patients receive the best possible medical care.
JACQUES TREMBLAY, BEng'51, has been elected president of the Assoc. of Consulting Engineers of Canada.

'52
JOHN MacKIMMIE, BSc'50, MD'52, is president-elect of Interallied Confederation of Medical Reserve Officers, a body within NATO representing reserve officers working in the health sciences.
MICHAEL P. RUSKO, BCL'52, has joined the firm of Lafleur, Brown, De Grandpré, Montreal barristers and solicitors.

'53
T.O. STANGELAND, BA'50, BCL'53, has been appointed president and chief operating officer of Consolidated-Bathurst Inc.

'54
SHIRLEY S. ANGRIST, BA'54, MA'55, has been named director of state government affairs for PPG Industries (formerly Pittsburgh Paint and Glass) in Pennsylvania.
BERNICE GRAFSTEIN, PhD'54, professor of physiology at Cornell University, in Ithaca, has won the New York Metropolitan Chapter of the Assoc. for Women in Science award for outstanding research.
BRIAN MacDONALD, BA'54, celebrated his *My Fur Lady* anniversary early by stage-directing a sensational *Mikado* production at Stratford, Ont., this summer.

'55
DONALD BETTS, PhD'55, dean of the Faculty of Arts and Science at Dalhousie University, Halifax, N.S. has been elected a fellow of the Royal Society of Canada.
PIERRE FRANCHE, BEng'55, has been appointed president of VIA Rail Canada, Inc.
ELIZABETH (PIERSON) FRIEND, BA'55, recently exhibited her latest collection of paintings, collages, and spheres at McCabe Library, Swarthmore College, in Pennsylvania.
MARGARET (MUIR) PAULETTE, BA'55, a member of the corporation of Bishop's University in Lennoxville, Que., and chairman of the Eastern Townships Regional School Board, has been appointed for a three-year term to the National Board of Inter-Varsity Christian Fellowship, as well as for a second three-year term to the Protestant Committee of the Quebec Superior Council of Education.
MORRIS H. WECHSLER, BSc'53, DDS'55, a lecturer in the Faculty of Dentistry at McGill, has been named chairman of the department of orthodontics, Faculty of Dentistry, University of Montreal.

'56
ARTHUR DAWSON, BSc'52, MD'56, MSc'60, of Scriffs Clinic, La Jolla Calif., has been elected a fellow of the Royal College of Physicians.
ROSEMARY EAKINS, BSc'56, MA'60, has recently joined Macdonald and Co. (Publishers) Ltd. of London, England, as editor-at-large with responsibilities for the picture department, the Aldus Archive, directories, and illustrated books.
ZOLTAN PETRANY, BSc'52, MD'56, has been selected for fellowship in the American College of Radiology.
PETER TARASSOFF, BEng'56, has been appointed director of research and development at the Noranda Research Centre.

'57
MAMORU WATANABE, BSc'55, MD'57, PhD'63, a specialist in internal medicine, has been appointed as the new dean of the University of Calgary's Faculty of Medicine in Alberta.

'58
BRUCE SELLS, PhD'58, associate dean of basic sciences at Memorial University of Newfoundland, in St. John's, has been elected a fellow of the Royal Society of Canada.

'59
JACK COHEN, BSc'55, MD'59, a Montreal plastic surgeon and classical whistler recently appeared as a soloist with the McGill Chamber Orchestra during a recital held at the university. (see page 28 for story.)
MAXINE STREAN SIGMAN, BA'59, a clinical psychologist with a private practice in Montreal, presented her research into human gastric acid at the Seventh World Congress of the International College of Digestive Surgery in Toyko, Japan, in September.

'60
MARCEL COSSETTE, BEng'60, a member of the Faculty of Medicine at the University of Sherbrooke, Que., received an award of merit for his contribution to the development of standardised testing and assay procedures related to asbestos safety by ASTM, a Philadelphia, Pa., management system that has developed voluntary consensus standards for materials, products, systems, and services.
DAVID WINGEATE PIKE, BA'60, recently edited a 290 page volume entitled, *Latin America in Nixon's Second Term.*
TECLE SKINNER, BScAgr'60, has been appointed general manager of Caroni Ltd., Port-of-Spain, Trinidad.

'61
ZAFAR KHAN, BCom'61, was recently appointed president of Bexhill Investments Ltd., a computer consulting and software company in Toronto, Ont.
MARILYN LIGHTSTONE, BA'61, will appear in the film version of Gabrielle Roy's *The Tin Flute.*
W.A. MILLER, BEng'61, MEng'62, PhD'66, has been appointed chairman of the department of metallurgy and materials science at the University of Toronto in Ontario.

'62

ISADORE HOROWITZ, BSc'60, MD'62, MSc'71, is director, scientific affairs, for Abbott Laboratories Ltd., in Montreal.

ADA McEWEN, BN'62, has served as the national director of the Victorian Order of Nurses for Canada for the past nine years.

VIVIENNE POY, BA'62, designs hand-knit sweaters in Toronto that have been influenced by many fashion eras ranging from the medieval period to the 1930s.

'64

WALLACE H. MacLEAN, MSc'64, PhD'68, who teaches economic geology and the geochemistry of ore deposits in the McGill department of geological sciences, has been awarded the Canadian Institute of Mining and Metallurgy's Barlow Medal.

JOHN ROTH, BEng'64, MEng'66, is executive vice-president of Bell Northern Laboratories, Ottawa, Ont.

'65

MARY O. ABBOTT, MSc'65, has retired from the World Health Organisation, Regional Office for Europe, in Copenhagen, Denmark, to live in Fife, Scotland.

'66

ALTON W. McEWEN, BScAgr'66, is president of Laura Secord Ltd.

RENE PRIMEAU, MBA'66, has been admitted into the Montreal management consultants' firm of Touche Ross and Partners.

JEAN-GUY RENE, MEng'66, of La Société D'Ingénierie Cartier Ltée., has been elected president of the Assoc. of Consulting Engineers of Quebec.

'67

JOSEPH BALADI, BEng'67, has been named vice-president, energy resources and development, of Gaz Métropolitain in Montreal.

GLORIA (ANCHEL) GILBERT, DipPT'66, BScPT'67, has opened a private physiotherapy practice in London, Ont.

BRIAN GROSMAN, LLM'67, a Toronto, Ont., lawyer and recent author of *The Executive Firing Line ... Wrongful Dismissal and the Law,* has been appointed to that city's twenty-four member commission that is hearing complaints brought against the Toronto police force.

SONDRA P. MEIS, BSc'67, is a manager, energy economics, for James A. Lewis Engineering, in Calgary, Alta.

MARGARET ELLEN (LLOYD) MOREAU, BA'67, received a PhD in clinical psychology from Simon Fraser University in Burnaby, and is currently conducting research in schizophrenia at the University of British Columbia in Vancouver.

WILLIAM F. PROCTER, BSc'67, has been named executive vice-president of Gardiner, Watson Ltd., in Toronto, Ont.

JIM WESSELL, MBA'67, has taken the position of vice-president International Operations for the Edmont Division of Becton Dickinson.

GRAHAM M. WILSON, BSc'67, vice-president, finance, at MacMillan Bloedel Ltd., serves on the Canadian Operations Advisory Board of Allendale Mutual Insurance Co., in Montreal.

'68

JOSEPH H. BERGER, BA'65, BCL'68, is vice-president of finance and administration for Sherwin-Williams Canada Inc.

JAN G. CHARUK, MBA'68, is manager of development for the Quebec operations of Atomic Energy of Canada Ltd.

EMILE LANGLOIS, MEng'68, of Le Groupe-Conseil Roche Associés Ltée., has been elected treasurer of the Assoc. of Consulting Engineers of Quebec.

CARL SHAYKEWICH, PhD'68, a University of Manitoba professor and "agro-meteorologist," is working to perfect remote sensing devices for drawing up "risk maps" to help farmers decide where to plant their crops.

PETER WHITMAN, BA'68, who played one of the Idaho sheriffs in the film, *Superman II,* will be portraying a yeshiva student in the new Barbra Streisand movie, *Yentl.*

'69

JOHN A. AMIRAULT, MEng'69, is vice-president, resource development, for Jacques, Whitford and Assocs., Ltd., an Atlantic Canada group of consulting engineers.

JOHN S. COWAN, BEng'69, is director, business development and corporate services, for Hercules Canada Ltd., in Montreal.

HARVEY KREISMAN, BSc'65, MD'69, was recently named chief of the pulmonary division of the department of medicine at the Jewish General Hospital in Montreal.

BRANKA LADANYI, BSc'69, an assistant professor of chemistry at Colorado State University in Fort Collins, has recently been awarded an Alfred P. Sloan Research Fellowship.

'70

SELIM ANTER, BSc'68, MBA'70, has been appointed president and chief executive officer of Bell Investment Management Corp.

REV. DAVID BURROWS, BSc'70, MA'73, was ordained as curate of the All Saints' Church in Peterborough, Ont. on September 1.

PIERRE CHALOS, BA'70, recently completed his PhD in accounting at the University of Illinois at Urbana-Champaign and is now on staff at Michigan State University's School of Business.

PATRICK COLEMAN, BA'70, is an associate professor of French at the University of California, Los Angeles.

LINNELL EDWARDS, MSc'70, PhD'75, is a soil management researcher at the Charlottetown Research Station, in Prince Edward Island.

DANIEL GAGNIER, MA'70, is the executive director of the Canadian Unity Information Office, in Ottawa, Ont.

JOANNE SOROKA, BA'70, is artistic director of the Edinburgh Tapestry Co. (Dovecot Studios), in Scotland.

MYRON J. WOLF, MBA'70, has been appointed vice-president and assistant general manager, produce divisions, of the Oshawa Group.

'71

ROBERT E. GALLANT, BEng'71, has been appointed plant manager at BOPP, a Hercules Canada Ltd. polypropylene firm, in Varennes, Que.

STEWART GRANT, BMus'71, composer, arranger, and oboist, is in his fourth term as music director of the Lethbridge Symphony Orchestra in Alberta.

MARILYN PREUS, MSc'71, PhD'75, a medical geneticist, has joined the Faculty of Medicine at Memorial University of Newfoundland.

DOMINIQUE F. PRINET, MBA'71, is vice-president, marketing and commercial development, of Nordair at company headquarters in St. Laurent, Que.

BARBARA M. SOURKES, BA'71, chief psychologist in pediatric oncology at the Sidney Farber Cancer Institute and the Children's Hospital Medical Center in Boston, Mass., and an instructor of psychology at the Harvard Medical School, has just published a book entitled, *The Deepening Shade: Psychological Aspects of Life-Threatening Illness.*

ALLAN R. SUTHERLAND, BEng'71, is corporate controller responsible for consumer products and industrial supplies at Cochrane-Dunlop Ltd.

'72

MOHAMED EL-AASSER, PhD'72, a member of a joint Lehigh-NASA research group who prepared the first chemical reaction experiment in space for the Columbia Space Shuttle missions in March and June, 1982, has been promoted to full professor at Lehigh University, in Bethlehem, Pa.

ASHLEY F. HILLIARD, BA'72, has become a partner in the Vancouver, B.C., law firm of Shrum, Liddle, and Hebenton.

ANTHONY KELLETT, MA'72, has published his first book entitled, *Combat Motivation: The Behavior of Soldiers in Battle.*

MICHAEL SANSOM, BSc'72, MSc'75, is completing an economics PhD at the University of Western Ontario, in London, and is currently teaching political economy at the University of Toronto.

HELEN M. TROJANOWSKI, BN'72, a registered nurse, has completed her second year at the New England School of Law, in Boston, Mass.

'73

MICHAEL E. EIN, MD'73, a staff member of the Mount Diablo Hospital Medical Center, in Concord, Calif., and assistant clinical professor of medicine specialising in infectious diseases at the University of California in Davis, has been elected to a

fellowship of the American College of Physicians.

'74

JACQUES GOULET, PhD'74, has been appointed scientific director of Lallemand Inc., Montreal producers of yeasts for the baking, distilling, and wine industries.

GABOR JELLINEK, DipMan'74, is president of the Montreal-based Joseph E. Seagram and Sons Ltd.

PATRICK MacGEEHAN, MSc'74, PhD'79, a consultant with Western Mining Corp., based in Kalgoorlie, West Australia, has just been awarded the Canadian Institute of Mining and Metallurgy's Barlow Medal.

MARIE-ANDREE PRENOVEAU, BCL'74, has been appointed assistant secretary of Canadian National, in Montreal.

KERRY STRATTON, BMus'74, conducts the Prince George Symphony Orchestra in British Columbia.

'75

JAMES de GASPE BONAR, MA'75, is awards officer (literature) with the Canada Council, in Ottawa, Ont.

TERRY F. BOWLES, MBA'75, is vice-president operations of QIT-Fer et Titane Inc., in Montreal.

PHILIP CURRIE, MSc'75, PhD'81, a paleontologist and recently appointed assistant director (research) at the new provincially-sponsored dinosaur museum in Drumheller, Alta., recently headed up a volunteer team that found dromeosaurus and other giant reptile remains in the badlands of southern Alberta.

MARYSE DESROCHERS, BSc'75, recently graduated from Cornell University, Ithaca, N.Y., with a PhD in mathematics, has received a National Research Council grant for two years taking her to Cambridge University, England, where she will continue her research in algebraic number theory.

DIANE FREMONT, BSc'75, is a commercial development analyst with the Nepera Chemical Co., in Harriman, N.Y.

JAMES D. PULFER, PhD'75, is a CIDA technical advisor appointed to lecture in chemistry at the National University of Lesotho, in Roma, Africa.

CAROLE (APPLEBAUM) SALOMON, BA'67, DipMgmt'71, MBA'75, has been appointed vice-president, marketing and business development, of Nabisco Brands Ltd.

KAREN KAYE SMITH, BSc'75, who has been working to develop a new apparatus to improve biological analysis, recently graduated with a PhD in biochemical studies of embryonic cells from Rockefeller University, New York, N.Y., and is now attending Stanford University Medical School in California.

'76

CAPT. CLAUDE EMOND, MEng'76, is working on the reliability and maintenance of engineeringsystems at National Defence Headquarters, Ottawa, Ont.

WILLIAM KOURNIKAKIS, BSc'76, recently received his PhD in microbiology from the Medcal College of Pennsylvania in Philadelphia and is now a post-doctoral fellow at the University of Saskatchewan, department of veterinary microbiology, in Saskatoon.

VALERIE (MacLEAN) McCUE, BA'76, runs a gun-leather outlet in Abbotsford, B.C.

DONALD A. TROTTER, MEng'76, is the manager of the Mines Accident Prevention Assoc. of Ontario, in North Bay.

'77

DAVID R. HANTKE, BSc'77, is in his second year as a general surgery internist at UCLA Hospital and Wadsworth Veterans Hospital in Los Angeles, Calif., and plans to continue his residency service in head and neck surgery.

EILEEN R. HIATT, BA'77, is operations and managenent services officer at the Continental Illinois National Bank and Trust Co., in Chicago.

PATRICIA JABAR, BCom'77, received her Juris Doctor degree from the New England School of Law, Boston, Mass., in June and will begin work for Touche Ross as a tax attorney while attending Boston University law school as a master's student.

MARY B. MAYER, MLS'77, a librarian for the City of Virginia Beach, Va., has just completed a two year term as the editor of *Cognotes,* the American Library Assoc. conference newsletter, and is now serving as a director of the association's Junior Members Round Table.

DAVID SLOAN, MD'77, a surgical resident at the Montreal General Hospital, is the first Caradian to receive residents' prizes from both the Society of Surgical Oncology and the Society for Surgery of the Alimentary Tract.

'78

JOHN M. CYBULSKI, MBA'78, is executive vice-president of Menasco Canada Ltée, designers and manufacturers of aircraft landing gear systems, flight controls, and related technology.

GEORGE P.DEMOPOULOS, MSc'78, won a second prize in the graduate essay competition at the 84th annual meeting of the Canadian Institute of Mining and Metallurgy, held in Quebec City, Que.

JAN JARVLEPP, MMus'78, an Ottawa, Ont. composer and cellist has been awarded a $500 prize by the Performing Rights Organization of Canada for *Times Zones,* a work for seventeen instruments.

LOUIS B. JULIEN, BCom'78, has been appointed manager of Manpower Planning for Petro-Canada, Calgary, Alta.

SANDI (BAYLEY) MIELITZ, BA'69, MBA'78, is nanager of corporate finance for Canadian National Railway Co., in Montreal.

PATRICIA ROSE, BSc'78, is a nurse in the department of oncology at the Royal Victoria Hospital in Montreal.

DURHANE WONG-RIEGER, MA'78, PhD'82, has been appointed assistant professor of psychology at Oklahoma State University College of Education in Stillwater.

'79

ABBE (SOHNE) BENSIMON, BA'79, has been made an associate in the Casualty Actuarial Society and works for the General Reinsurance Corp. of Greenwich, Conn.

RAMI MAYRON, BCom'79, has been appointed as executive vice-president of the brokerage firm Alco Canada Commodity Service Inc.

'80

ELLIOT BERNSTEIN, BCom'80, runs Computerre, headquartered in St. Laurent, Que., a company he describes as "the world's first and maybe only manufacturer of computer software in French."

DOROTHY BLOCH, BSW'80, has been appointed coordinator for the Montreal World Health Organization collaborative study on neuroendocrinology and the behaviour of healthy elderly people in Montreal; Catania, Italy; and Benin City, Nigeria.

MARY (McKENNA) BREAU, BSc FoodSc'80, has been awarded the Helen H. Gifft Fellowship, the Katherine Wyckoff Fellowship, and a deans's scholarship to continue studies in nutrition at Cornell University's College of Human Ecology in Ithaca, N.Y.

ALAIN J. DAVET, MBA'80, has been appointed secretary of QIT-Fer et Titane Ltée., a Montreal metal processing company.

ANDREW L. SZEMENYEI, BCom'77, LLB'80, has recently opened a general legal practice in London, Ont.

MAMDOUH YONES, MEng'80, is with the department of metallurgy, University of Technology, in Bagdad, Iraq.

'81

RICHARD R. DAGENAIS, BA'81, is editor-in-chief of *The Victory,* a Quebec community newspaper serving the areas of St. Eustache, Deux Montagnes, Rosemere, Oka, Ste. Therese, Laval West, Ste. Marthe, and Blainville.

DESMOND KEARY, BCom'81, has been appointed as account executive, stock index department, for Alco Canada Commodity Services Inc.

HEATHER ROSE, BCom'81, is a junior financial analyst with Procter and Gamble Inc., in Toronto, Ont.

'82

NORA M. CLANCY, BScAgr'82, is secretary-manager of the Quebec Young Farmers Provincial Federation.

DAVID EDWARD FOX, LLB'82, is articling with the law firm of Miller, Thompson, Sedgewick, Lewis, and Healy in Toronto, Ont.

CRAIG GOUGH, BSc'82, who is studying for a PhD in biophysical chemistry at Cornell University in Ithaca, N.Y., has been given a Peter Debye fellowship, summer research fellowship, teaching assistantship, and award of full tuition and fees because of his high academic standing.

MAUREEN IRISH, LLM'82, is teaching in the Faculty of Law, at the University of Windsor, Ont.

KAREN MacAULAY, BScAgr'82, is currently employed at the Greenhouse Project in Glace Bay, N.S.

JOHN E. PAPPEL, DDS'82, was the recipient of both the Dr. A.L. Walsh prize in oral medicine and the 1982 International College of Dentists (Canadian section) prize and is now working towards his master's degree in orthodontics at the University of Minnesota.

LORETA POVILAITIS, BEng'82, won the metallurgical society's second prize at the 84th annual meeting of the Canadian Institute of Mining and Metallurgy held in Quebec City.

PAUL STEWART, BMus'82, a pianist, performed recently at the King's Theatre in Annapolis Royal, N.S., in a concert that was taped by the CBC for its Arts National, Debut Atlantic series.

ERIC AND LOUIS TAILLEFER, both BSc'82 and twin talents from Outremont, Que., are Commonwealth Award recipients who have chosen to continue their studies at Cambridge University, England.

YVONNE M. THYSSEN, BScAgr'82, works for the Nova Scotia Department of Agriculture and Marketing as an assistant agricultural representative in Colchester County.

ANNE TROTTIER, BCom'82, is an apprentice with the accounting firm of Coopers and Lybrand.

DEATHS

'06

KATE H. McQUEEN, BA'06, at Vancouver, B.C., on July 3, 1982.

'11

FREDERICK C. UNDERHILL, BSc'11, on May 22, 1982.

'12

WALTER G. PENGELLEY, BSc'12, at Toronto, Ont., on July 15, 1982.

'13

LT.-COL. J. ARTHUR WARBURTON, BSc'13, at Charlottetown, P.E.I., on June 12, 1982.

'17

WILLIAM H. AIRD, BA'17, on July 14, 1982.

MARJORIE (SPIER) MITCHELL, BA'17, at Magog, Que., on June 22, 1982.

'22

B.T. DICKSON, PhD'22, at Cronulla, N.S.W., Australia, on July 22, 1982.

MARGARET (REYNOLDS) LAFFOLEY, DipPE'22, at Huntingdon, Que., on May 7, 1982.

KATHLEEN (NEWNHAM) REXFORD, BA'22, at St. Thomas, Ont., on March 3, 1982.

'23

ALICE (LAWSON) BATE, DipPE'23, at Toronto, Ont., on Aug. 12, 1982.

GEORGE R. CURRIE, BCom'23, on Aug. 15, 1981.

A. LESLIE PERRY, BArch'23, at Montreal, on June 10, 1982.

'24

GEORGE FURNESS, BSc'24, at Toronto, Ont., on April 18, 1982.

JOHN B. PRINGLE, BSc'24, at Montreal, on April 29, 1982.

PHYLLIS M. TOURGIS, DipPE'24, at Montreal, on July 3, 1982.

'25

C. DOUGLAS EVERETT, BA'25, at St. Andrew's, N.B., on June 12, 1982.

'26

ARNOLD C. CUTHBERTSON, BSc'26, MSc'27, PhD'29, at Sackville, N.B., on June 4, 1982.

'28

WILLIAM F. DUNN, MD'28, at Ste. Anne de Bellevue, Que., on April 24, 1982.

J. HOWARD HARGRAVE, BSc'28, on Aug. 12, 1982.

'29

ROBERT AGAJEENIAN, BA'29, at San Diego, Calif., on July 24, 1982.

HUGH I. CAMPBELL-BROWN, MD'29, at Vernon, B.C., on Feb. 25, 1982.

HERMANN L. EBERTS, BSc'29, at Mississauga, Ont., on Aug. 25, 1982.

PHYLLIS (BAKER) STEEVES, BA'29, on June 27, 1982.

'30

MARJORIE (TENNANT) BATES, BA'30, at Hamilton, Ont., on May 5, 1982.

JEAN (LEACH) DODDS, BHS'30, at Farnham, Surrey, England, on May 28, 1982.

'31

EDWARD N. EVANS, BSc'31, at Montreal, on July 17, 1982.

LT.-COL. PAUL L'ANGLAIS, Law'31, at Beaconsfield, Que., on May 23, 1982.

'32

THURSTON D. ARCHIBALD, BA'32, at Baie d'Urfe, Que., on July 26, 1982.

COLIN D.T. CAMERON, BSA'32, MSc'36, at Laval-Sur-Le-Lac, Que., on Sept. 15, 1982.

WILLIAM J. CONNER, BLS'32, at Blenheim, Ont., on Dec. 11, 1981.

RUTH (GRANGER) MACLEAN, BCom'32, on April 8, 1982.

A.M. WARHAFT, BCom'32, at Montreal, on April 26, 1982.

'33

MARGARET (GRANT) ANDREW, BA'33, at Vancouver, B.C., on Aug. 3, 1982.

LEONARD C. MARSH, MA'33, PhD'40, at Vancouver, B.C., on May 11, 1982.

MARGARET (ALLEN) TOUGH, BA'32, BLS'33, at Toronto, Ont., on June 10, 1982.

RALPH J. WHITEHOUSE, BEng'33, on June 2, 1982.

'34

MAURICE S. COHEN, BSc'30, MD'34, at Calgary, Alta., on April 27, 1982.

WILLIAM F. GOUGH, MSc'27, MD'34, at Drummondville, Que., on Aug. 11, 1982.

'36

FRANK J. SHAUGHNESSY, Law'36, at Montreal, on June 12, 1982.

'37

JOHN T. KANE, BSc'34, MD'37, on Oct. 12, 1981.

HORACE LAMONTAGNE, MD'37, on March 25, 1981.

JOHN MacLEAN, MD'37, at Toronto, Ont., on July 18, 1982.

'38

CHARLES B. RITTENHOUSE, MA'38, at Lachute, Que., on Aug. 17, 1982.

ARCHIBALD C. STONE, MD'38, on May 3, 1982.

'40

CHARLES MACDONALD, BA'36, MD'40, at Montreal, on June 15, 1982.

JOHN FRASER MacMILLAN, BA'40, at Edmonton, Alta., on April 13,1982.

'41

HUBERT F. QUINN, BSc'41, MSc'46, PhD'48, on July 24, 1982.

'43

EUGENE A. GAREAU, BEng'43, at Shawinigan-Sud, Que., on July 4, 1982.

'44

FRANK E. EVERETT, BEng'44, at Austin, Man., on July 8, 1982.

'45

REAL LEDUC, MSc'45, at Montreal, on May 31, 1982.

'47

C. LOUISE BARTSCH, BN'47, at Vancouver, B.C., on Dec. 9, 1981.

JOHN SMITH, BEng'47, on April 29, 1982.

'48

MORTON I. GOLDEN, BSc'48, at Rutland, Vt., on June 9, 1982.
HARRIET D. LOCKHART, BLS'48, at Ottawa, Ont., on June 9, 1982.
WILLIAM G.M. OLIVIER, BCL'48, at Toronto, Ont., on Aug. 3, 1982.

'49

EILEF S. SKARE, BCom'49, at Ste. Anne de Bellevue, Que., on April 27, 1982.
KEITH P. WAKE, BEng'49, at Mandeville, Jamaica, on June 22, 1982.

'50

VINCENT B. CAZA, BSc'50, at Cinnaminson, N.J., on Aug. 5, 1982.
MARC FRANCOEUR, BSc'50, MSc'51, PhD'53, at Montreal, on Aug. 8, 1982.
ZELDA (JACOBS) KANDESTIN, BA'50, at Montreal, on May 20, 1982.
JOHN H.A. LAWRENCE, MD'50, on April 1, 1982.

'51

IWAN ("JOHN") HUMCHACK, BA'51, at Montreal, on July 27, 1982.

'53

RALPH R. CRAIG, DipAgr'53, at Lacombe, Alta., on Aug. 17, 1982.
ROBERT V.N. PLANCK, BEng'53, at Oakville, Ont., on July 26, 1982.
DR. DOREEN E. SCHECTER, BA'53, at New York, N.Y., on June 1, 1982.

'54

CECIL R. KIRTON, DDS'54, at New York, N.Y., on Aug. 7, 1982.

'55

GEORGE W. MANNARD, BSc'55, MSc'56, PhD'63, at Oakville, Ont., on Aug. 9, 1982.

'56

IRMA (MARTIN) ROBB, DipAgr'56, at Huntingdon, Que., on Jan. 1, 1982.
DONALD H. WILSON, MA'50, MD'56, at Hanover, N.H., on June 30, 1982.

'62

SHEILA CAMERON, BEd'62, at Montreal, on Aug. 23, 1982.
MARY ANNE COYLE, BArch'62, on June 13, 1982.

'68

GARRICK P. FISHER, BCom'68, at Montreal, on July 11, 1982.

'69

LT.-COL. RODERICK D. CARVER, DDS'69, on June 27, 1982.

'72

AUDREY (CROUSE) BIGHAM, BN'72, at Cleveland, Ohio, on Oct. 24, 1981.

PERSPECTIVE

Adventures of a Punjabi Dam(ned) Engineer

(Or how to head from Punjab to Canada without passport, international health certificates, foreign exchange, seat reservations, winter clothing, or even a specific destination, and still make it.)

by T.R. Anand

In June 1952 I was stationed at Nangal, along with the entire graduating civil engineering batch from the Punjab Engineering College, to work on the awe-inspiring Bhakra Dam. The position was unpaid, and I had an additional handicap: I was recently married and living hand to mouth on shagan (i.e., dowry) money. One day I see an advertisement: "Council for Scientific Research offers ten scholarships funded by Burma Shell and Assam Oil Companies to university graduates of *any* discipline to go to *any* commonwealth country."

I decide to risk the one rupee application fee. The project director concludes that it's in the Punjab's interest to have an engineer trained abroad at central government's expense, so my application is forwarded. Shortly after that all us student engineers get gazetted jobs. My application is completely forgotten.

Weeks later, a call comes for an "interview at your own expense" in New Delhi. I can ill afford the travel money, but my wife needs baby wool for our coming child, available only in a big town, and persuades me to go.

At the New Delhi council offices, I find myself among fifty hopefuls from all over India. Ushered into the council chambers, I am overawed by a large group of distinguished-looking bald heads belonging to two British directors of oil companies; secretaries of the ministries of finance, education, and foreign affairs; and the chairman of the Council of Scientific Research. I'm not even dressed in a suit and tie and feel quite inferior, but decide to speak up anyway.

"What kind of engineer are you?" they ask me. "Dam engineer," I reply. It comes out sounding like "damned engineer." Everyone laughs.

"And why should we send a dam engineer abroad?" they query. "You are paying American consultants fabulous salaries for short periods," I answer. "Train people like me, and we will work on an ordinary salary for a lifetime."

I wait outside. After an eternity, the council secretary emerges and booms out: "These ten come again tomorrow morning. Rest go home." He begins alphabetically with B, C ... no A for Anand. I start to walk out, but linger on. Now he is up to S, T ... TILAK RAJ ANAND. Hooray!

Next day the finalists take medical tests. The doctor finds me colour blind. I plead that colour vision is not needed for dam engineers. It turns out he was a classmate of my doctor brother. I pass.

Back in Nangal my classmates say: "His father-in-law is Railway General Manager. Must have pulled strings." But, in fact, that gentleman tries to dissuade me from going. He convinces my director who says, "Oh! Yes, yes. Our training is second to none. Stay." I don't bother to collect my passport or arrange for innoculation certificates. What is the use?

Shortly before the ship is due to sail, the director's journalist son comes to interview me on the theme: "Our training is so good – an engineer selected to go abroad has chosen to stay." I spring a surprise. "I *am* going," I tell him. "This is newsworthy," he says, takes my picture, and splashes it all over Punjab.

I pull strings to get my passport and innoculation certificates and rush off to New Delhi. There all the scholars are met at the station by the council secretary and hordes of friends, relatives, bugles, bands,



T.R. Anand, now a prominent Montreal engineer, remembers his first winter at McGill when acquiring an overcoat was a trying experience.



Vivian Kellner

and flowers. "You proceed from England to Canada," the secretary tells me. "Your admission is not yet decided, but we will wire you care of the ship."

A friend of my uncle recognises me. "Who did you come to see off?" he asks. "I am going to Canada," I tell him. "And no one is here to see *you* off?" he says incredulously. He borrows some flowers and introduces me around: "My Tilak – going to Canada." The memory brings tears to my eyes. In those days, chances of going abroad were like becoming an astronaut today.

In Bombay, the embarkation port, I plead, coax, and beg peons, clerks, and managers in order to change my five hundred rupees (my last two months pay) into ninety dollars and ten pounds sterling. I make it to the ship just in time.

After the wondrous liner sets sail, I go to the cabin and find a telegram from my wife pleading with me not to go. The shock of my parting has caused internal bleeding; she may lose the baby. Agitated, I go to the ship's bursar. "You can't get off," he says. "It's too late." The Red Cross pays for a radio telegram to my wife: "Courage darling. Getting off at Aden. Wire health." My courageous wife wires back: "Feeling better. Proceed."

At London I board another ship for Quebec after hearing from New Delhi: "Proceed to McGill University."

I arrive in Montreal at 7:00 A.M. A taxi to McGill is one dollar. I figure that horse coach must be cheaper. Strange. It costs $2.50. I march unshaven up University Street. At the registrar's office there is no record of me. "An engineer? What kind?" they ask. "Dam engineer? No such degree here!"

Finally I end up in the post-graduate faculty. There Dean David Thomson explains: "Your Washington embassy wanted your admission even though we have no dam engineering courses. Now that you are here, take a master's."

Roaming Montreal in late fall without an overcoat, saving even bus fares, I soon fall ill. A countryman, Mr. Murti, hears of it and shakes me up in my bunk at my lodgings in Presbyterian College. I am shivering with high fever and sweating. "I have got malaria," I groan. "You have got flu, not malaria," he says. "You have gloves? Hat? Overcoat? Warm underwear? Overshoes? No? My God! Give me money. Don't worry, I will buy from wholesalers."

"But I will not have enough to eat," I protest. "We will see about that later," he says. "First things first."

New country, new diseases, new dresses. Now I have twenty dollars left. How do I survive for a month before my scholarship arrives? By washing dishes or selling Christmas cards?

I choose the lesser humiliation, retailing cards at fifteen cents after buying them for nine. I soon run out of customers. I approach Dean Robert Edwards Jamieson's secretary who buys a WHOLE BOX. Windfall! I make $1.50 in one deal. But she also tells the dean who, very softly, gets the whole story out of me (including the fact that I am now the father of a boy born after I left India). He sees my eyes holding back tears of humiliation and destitution, tests my competence, and appoints me as a marker, retroactive to September 1. I get $150 – three months pay all at once.

Encouraged by the dean, I work hard, doing several laboratory experiments daily instead of one, and pinch pennies to send money for my wife and infant son. They both arrive here just one day past his birthday.

We all returned to India two years later quite uneventfully. □

Editor's Note:

T.R. Anand, MEng'54, was subsequently sponsored by a Canadian company to emigrate to Canada in 1956. He is a founding member of the India-Canada Association. He has also been Chairman, International Affairs Committee, Montreal Board of Trade, where an immigration subcommittee he chaired made studies leading to relaxation of quotas for Asian immigrants to Canada. He has since instituted a small prize at McGill as a token of appreciation.



Family Portrait – One of the highlights of this year's reunion was the 125th anniversary celebration of the Graduates' Society. To commemorate the occasion, eighteen of the twenty-four living Past-Presidents returned for a reception in their honour. Pictured top row from left to right are: Donald McRobie, '68-'69; J.G. Fitzpatrick, '77-'78; Pierre Lamontagne, '73-'74; William Eakin, '67-'68; David Culver, '70-'71; Laird Watt, '66-'67; Charles McCrae, '74-'75; Douglas Bourke, '76-'77 and Charles Peters, 62-'63.
In the middle row are: Richard Pound, '81-'82; The Chancellor, Conrad F. Harrington, '69-'70; J.A. Delalanne, '50-'52; The Hon. G. Miller Hyde, '61-'62 and Robert Shaw, '64-'65.
In the front are seated: Chairman of the Board of Governors, Hugh Hallward, '72-'73; Edward Ballon, '79-'80; John Hallward, '80-'81 and Robert Keefler, '71-'72.

SOCIETY ACTIVITIES

Reunion'82: Old friends gather to honour the past

Photos by Harold Rosenberg

Even Dr. Stanley Frost, our noted historian in residence, would have been able to collect new material if he had listened to the groups of old friends gathered under the glittering chandeliers of the Ritz Carlton Hotel to exchange McGill stories (most of them true). The event bringing these McGillophiles together was not an international conference of historians, but the 125th annual meeting of the Graduates' Society. And it was here that Society President Richard Pound, BCom'62, BCL'67, and his executive celebrated Reunion'82 by inviting all living past presidents back for a special reception at which they were formally introduced and presented with a commemorative plaque.



Chancellor Harrington is shown above sharing the RVC'27 class picture with classmates Antonia (Seiden) Robinson and Kathleen (Baker) Shepherd. The occasion was The Chancellor's Dinner for the classes of 1927 and earlier.



A record turnout was recorded at the Principal's dinner for the 50th anniversary class. Principal Johnston is shown above left with Alma (Johnson) Harrison, RVC'32, Gilbert Turner, MD'32, Mrs. Harold Goodman and Mr. Goodman, BCom'32.

The contributions of other graduates were acknowledged as well. And when one reads the following list of Society Award recipients, one begins to appreciate the broad spectrum of graduate volunteers who avidly support McGill. Two new graduates, Elizabeth Norman, BMus'82, and Frank Vona, BSc'82, were presented with the society's Distinguished Service Award for Students. And Michael Richards, BA'60, BCL'63, past chairman of the *Directory* committee and current chairman of both the branch programme and the Martlet Foundation and a liberal donator of large portions of his spare time to McGill, received this year's Distinguished Service Award.

Two "institutions within our institution" known to thousands of students and staff during their seventy-five years of combined service, received the Honorary Life Membership Award from the Graduates' Society. Having just retired from the university, both Isobel McLaggan Oswald, BA'37, MA'81, and Colin Malcolm McDougall, BA'40, were honoured at this 125th anniversary celebration that commenced with a ceremonial piping by the bagpiper from nearby Ogilvy's department store. This was followed by a rare, but appropriate event: the presentation of the Society's Award of Merit to be shared between two classmates, Don McRobie, BCom'34, and Laird Watt, BCom'34, CA'37. Over two hundred of their McGill family and friends gave them a standing ovation after Honours and Awards Chair-

My Fur Lady's twenty-fifth anniversary

My Fur Lady - the Red and White Revue production that made Canadian theatrical history – celebrated its twenty-fifth anniversary at the annual Leacock Luncheon held in the Sheraton Centre during Reunion '82 weekend.

Don McSween, Tim Porteous, and Erik Wang had prepared a special script and members of the cast sang their parts to the music played by Jim Domville, Galt MacDermot, and Ed Assaly. It was an occasion of joyous nostalgia. Judy Tarlo, now head of her own public relations firm in London, England; John MacLeod, Chief of Clan MacLeod, and now singing professionally in England and on the Continent; Gerry Williams, now Chairman of TR International (Chemicals) Ltd., in London; and Elizabeth Heseltine, from Lyons, France, performed their numbers, as did Nancy Bacal and Dr. Margaret Deansely from California and My Fur Lady herself, Ann (Golden) Fisher from Delta, B.C. Others in the cast came from the Maritimes, Toronto, Ottawa, and the eastern United States.

The cast's dinner party was held on Saturday evening in the Students' Centre, 3480 McTavish Street, instead of in the old Students' Union (now McCord Museum) at 690 Sherbrooke Street West where so many of its meals had been eaten twenty-five years ago. The party closed the evening by returning to Moyse Hall, to visit briefly the scene of the Lady's first stage success.



The Reunion festivities closed with a brunch at the home of Isabel and Lorne Gales at Como, Quebec. Participating in the various reunion events were more than seventy members of the original cast, including James Domville, a former McGill governor and now Government Film Commissioner with the National Film Board; Tim Porteous, presently director, Canada Council; Erik Wang, director, Consular Policy Division, Department of External Affairs; and Donald MacSween, a McGill governor and director general of the National Arts Centre in Ottawa. Brian MacDonald — a former McGill governor and resident choreographer with Les Grands Ballets Canadiens — was unable to make a reunion appearance at the Leacock Lunch; but he flew up from New York, where he is directing and choreographing the opera *Alceste,* to attend the cast dinner party.

Top: My Fur Lady herself, Ann (Golden) Fisher, leads the chorus in the grand finale at the Leacock Luncheon.

Bottom: Rehearsal time prior to the Leacock Luncheon. In the usual order are: Don MacLeod, Nancy Bacal, Don MacSween and Tim Porteous.



man Douglas Bourke, BEng'49, noted their many accomplishments.

Principal and Mrs. David Johnston and Chancellor and Mrs. Conrad Harrington hosted many of the functions, including dinners for the 50th and 55th and over classes. Newly elected Graduates' Society President Carlyle Johnston, BA'50, BCL'53, and his wife Alice (Stewart) BA'50, BSW'51, MSW'54, presided over the 25th reunion reception and joined the Chancellor at the "55th and over" dinner.

And the festive mood of Reunion '82 pervaded the small, quiet get-togethers, the large, more boisterous and even zany soirées, and the close to ninety class parties. But the greatest success of all was knowing that some three thousand graduates had come from not only all parts of North America, but from such far-flung places as Zimbabwe, Israel, Belize, and Great Britain to celebrate the optimism they share for the future course of their alma mater, McGill.

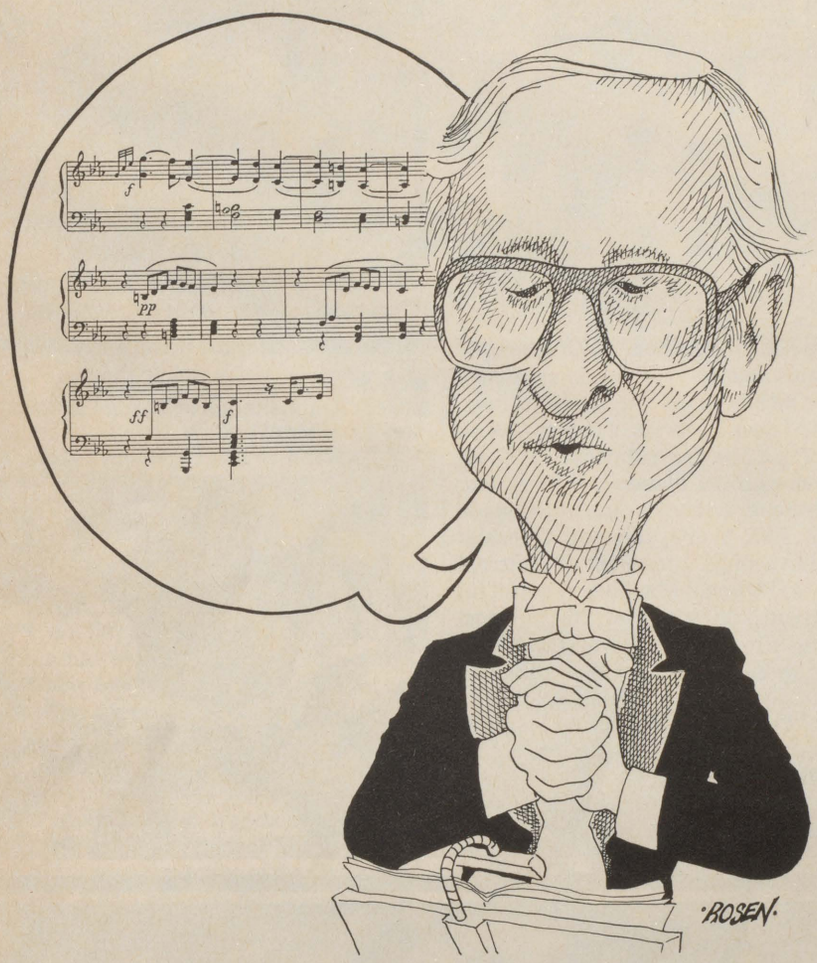
Executive Director of the Graduates' Society Gary Richards □



Out-going Graduates' Society President, Richard Pound is shown congratulating Award of Merit winners Donald McRobie and Laird Watt at the Annual Meeting.

FOCUS

Jack Cohen



David Rosen

Jack Cohen, BSc'55, MD'59, is a successful man: married, three children, a respected plastic surgeon. By day, he dons medical scrub suit, repairs broken noses, grafts skin of burn victims, and restores fractured jaws. Sometimes he whistles while he works.

By night, Cohen has a different career. In evening dress and backed by a group of musicians, he steps in front of a microphone, purses his lips to a packed house, and whistles.

When he was a boy, he says, he whistled everywhere until he nearly drove his stepmother crazy. Soon he began to take his instrument seriously enough to learn the classical repertoire by whistling along, score in hand, to recordings. He also added his own sound to those "music-minus-one" records that leave out the solo instrument part.

Finally he got his first big break – in a Montreal hospital room. Lottie Brott (whose husband, Alexander, conducts the McGill Chamber Orchestra) was hospitalised there with a fractured hip. She remembers that occasion: "As I was being wheeled into hospital, this character in a green gown rushed up to me and said, 'Oh, Mrs. Brott, I'm a very great fan of yours; don't worry, I'll be there when they operate...' Of course I didn't take it seriously. But later when I was barely conscious he came into the room and asked if he could whistle something for me. And he did: a Bach suite. And it was gorgeous! And everyday he came in and whistled a different suite! We decided that we would have to do a concert together."

His concert debut, however, was to come with Lottie and Alexander's son, Boris, who conducts the Hamilton Symphony and who asked Cohen to help with a children's concert. The squirming, chattering audience fell into surprised silence at the sound of the whistler, he recalls. The adult debut came a bit later, in 1976, with the McGill Chamber Orchestra in Redpath Hall, when Cohen took on a solo part in a Vivaldi concerto for flute to critical acclaim. "If only flute players could all produce such warm, beautifully rounded tones, with such tasteful vibrato and such a sense of style," commented Jacob Siskind, in a Montreal *Gazette* review of that concert.

Audiences still experience surprise at Cohen's sound. Last year, in a McGill Chamber Orchestra concert there was a similar reaction. "The way he handled the "Bandinerie" would surely have evoked approval (and a giggle) from old Bach himself," wrote Carl Urquart in the *Gazette*. "No wonder the thunderstruck audience jumped to its feet in a yell of gratitude."

Since those performances, Cohen has gone on to place high in the Second International Whistleoff in Carson City, Nevada. He has been heard nationally on CBC radio and has given about two or three concerts a year, plus benefits and recitals at CEGEPs, churches, old age homes, and museums. He also performs on a record called *Dreamland* - a collection of songs written under a pseudonym by another Montreal doctor.

Cohen works mostly with the Brott family in a largely Baroque repertoire: Bach, Vivaldi, Telemann, but extending through Mozart, von Dittersdorf, Beethoven, and into Bartok. At home, on a cassette, he plays a recording of the duet of a Beethoven sonata – his whistle and Dennis Brott's cello. Then he plays his whistled rendition of one of Bartok's "Romanian Folk Dances." He feels an obvious affinity for its happy, haunting effect. "My wife is Romanian," he says.

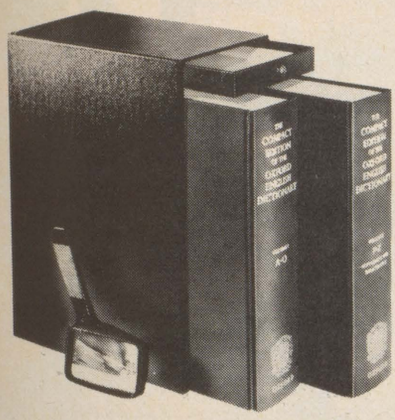
His whistle must, of course, be amplified to match the other instruments' volume. His range spans about two octaves (two and a half on the slow movements). The pitch is roughly that of a piccolo, beginning about two F8s above middle C, but flute, trumpet, and violin parts lend themselves nicely to his craft. Even so, when he takes on a piece he needs to arrange, transpose, and rearrange. He has to phrase carefully, because he needs to breathe twice as often as a flautist would. He's now ready, nevertheless, to tackle the Bach "Second Orchestral Suite," the Telemann "Suite in A for Flute and Strings," and the guitar part of Rodrigo's "Fantasia para un gentilhombre." He says it takes several weeks to prepare each piece to performance level.

The striking thing about Cohen is how unassuming he is. When he performs, there aren't any flamboyant flourishes of the hand or body, no posturings for effect. He just whistles – and whistles well. And what would he really like to do? "I'd love to do a series of recitals, or maybe a tour of some cities. I could always be busier," he admits. *John Geeza* □

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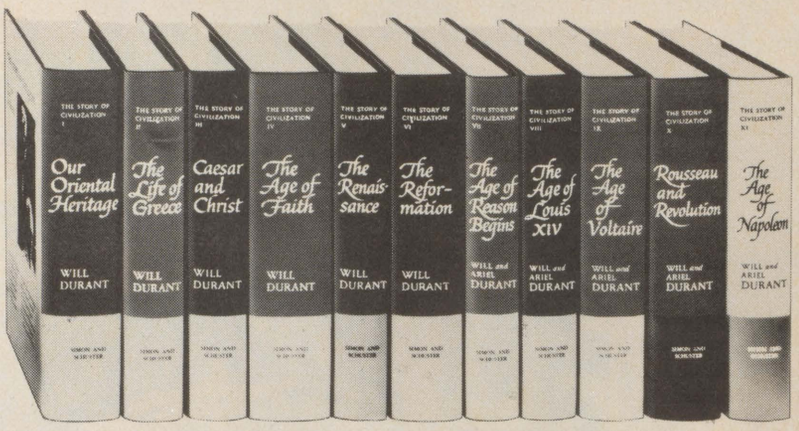
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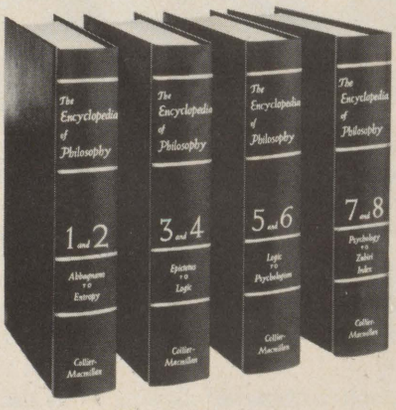
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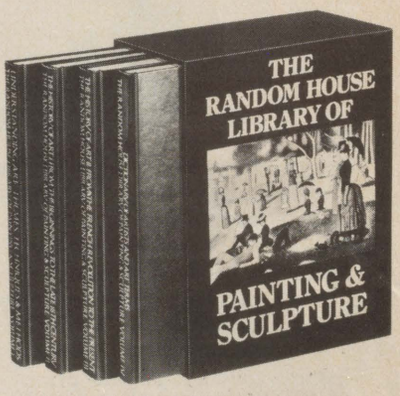
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A new (18th century) organ for Redpath Hall **12**
by John Geeza

Thanks to the generosity of an anonymous donor, McGill now possesses a magnificent new organ, built according to the specifications of an eighteenth-century French monk.





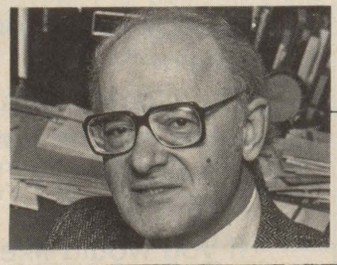
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Over 65 million years ago, dinosaurs roamed southern Alberta. McGill-trained paleontologist, Philip Currie, uncovers their bones and shatters myths about their intellgence and habits.

Charles Scriver and Carol Clow: Using genetic medicine to mitigate nature's mistakes **16**
by John Sainsbury

This team of McGill geneticists performs a vital component of health care that ranges from the laboratory to the bedside.





Chain Shatan: Helping Vietnam veterans to hep themselves **19**
by Charlotte Hussey

Many American veterans of the Vietnam conflict still suffer psyclological hardships as a result of their wartime expeiences. Psychiatrist Chaim Shatan has examined this "Pos-Vietnam Syndrome" and helped in its cure.

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Cover: Sunlight streams through the stained-glass windows of Redpath Hall, illuminating the casework and pipes of McGill's new organ.

This graduate remembered McGill in his will.



William J. Downs
MD'34

Continuing a lifetime interest through his will was exactly what the late Dr. William J. Downs of the class of medicine '34 did.

Bill Downs obtained his BA degree and two years of his medical training at the University of Alberta before coming to McGill where he graduated with the class of medicine '34. Bill took an active role in the affairs of the McGill Society of Northern Alberta and was a member of the executive and later president of the Society. He provided expert leadership for McGill graduates in Edmonton and always kept McGill's welfare at heart. Throughout his lifetime he was interested in history, and his last will and testament reflect this interest.

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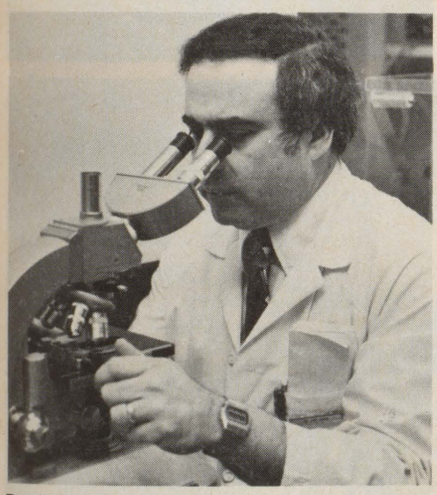
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NEWSBREAK

Achievements, appointments, agreements

There have been heartening developments at the McGill Cancer Centre. Last fall it reported an impressive hike in funding for 1981-82 compared to 1980-81. Notably financing for basic research increased by forty percent to a total of near $1.3 million. On a personal note, **Phil Gold,** BSc'57, MD'61, MSc'61, PhD'65 – the centre's former director and physician-in-chief at the Montreal General Hospital – became the first recipient of the $75,000 Ernest C. Manning Award for innovative and outstanding accomplishment by a Canadian. Gold received the honour for his work on cancer diagnosis. Recently, Gold and his colleagues have achieved a further breakthrough in cancer detection which, when refined for clinical use, will enable physicians to locate specific types of cancer at an early stage, by means of a simple blood test.



Dr. Phil Gold

This year McGill is experiencing the largest enrollment in its history, with its total of full-time students approaching 16,000. Addressing the university's staff assembly in December, **Principal David Johnston** noted that enrollment from Canadian provinces other than Quebec had risen by about twenty percent in each of the past three years. He attributed this impressive increase to the university's strong recruiting efforts, relatively low tuition fees in Quebec, and a better understanding throughout Canada of McGill's strength and uniqueness.

Acadia University in Nova Scotia has established a psychology and biology research centre in the name of **Muriel V. Roscoe,** LLD'67. Dr. Roscoe was Warden of Royal Victoria College from 1940 to 1962 and chairman of McGill's botany department from 1945 to 1962. The research centre was funded through a grant from the W. Garfield Weston Foundation.



Ian Barrett

McGill soccer Redmen's co-captain Dickens St.Vil drapes himself with the championship pennant.

The Spanish royal family has conferred on **Professor Mario Bunge** (of McGill's Foundations and Philosophy of Science Unit) Spain's highest ranking prize in the humanities: the *premio Principe de Asturias a las communicaciones y humanidades.* The award is granted annually by the Spanish government to a prominent Spanish-speaking scholar.

Two McGill students – **William Hinz** from the Faculty of Management and **Jeff Telgarsky** from the School of Architecture – will be heading to Oxford University this coming fall as Rhodes Scholars. A Faculty Scholar every year while at McGill, Telgarsky also served as class president in 1980-81; at Oxford he will study philosophy, economics, and political science. Hinz has won several scholarships during his McGill career and in 1981-82 was named Most Valuable Player on the Redmen basketball team; he plans to study philosophy and theology at Oxford.

For the second consecutive year, McGill's soccer Redmen are Canadian inter-university soccer champions. They clinched the title by beating the University of Victoria Vikings in a hard fought match at Molson Stadium on November 13. McGill's **Hisham Abdel Rahman** scored the only goal of the game, near the beginning of the second half of play.

Professor Robert Stevenson, BA'49, BD'61, from the Faculty of Religious Studies, is McGill's new dean of students. His five-year term commenced on January 1, 1983, shortly after he returned from a research trip to India. Fortunately the expertise of acting dean **Kay Sibbald,** PhD'76, has not been lost to student services. She retains the position of associate dean of students.

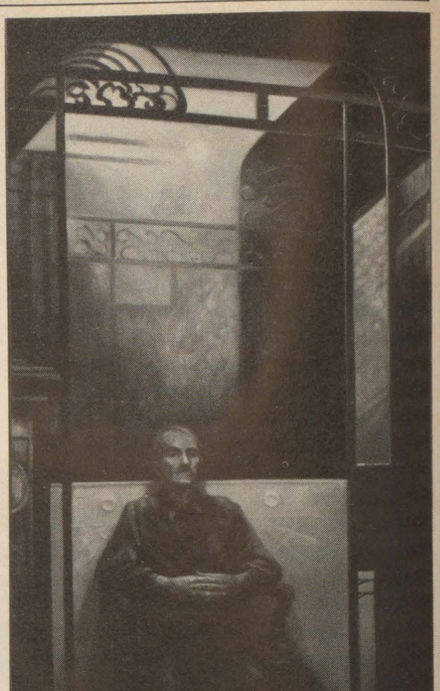
McGill University and Place Mercantile Inc. have reached an agreement for the reconstruction of Strathcona Hall, the former McGill property that was dismantled last summer because of alleged structural problems. The new Strathcona Hall will closely resemble the former building, using stonework preserved from the original structure, and will form an integral part of the new Place Mercantile Complex at the corner of Sherbrooke Street and McGill College Avenue. □

WHAT THE MARTLET HEARS

Portrait of the artist as a young scholar



Andrée Gagné



Ernest Mayer, Winnipeg Art Gallery

Artist-scholar Celia Rabinovitch (above) creates a sense of power and mystery in her oil paintings, The Bate Building (right) and 7th Avenue Pier (below).



There is a strong, if rarely stated, assumption in the art world that artists cannot be thinkers and thinkers cannot be artists. This notion is sustained by many art historians and critics, who insist on regarding artists as unintellectual and inarticulate, and by some artists themselves, who disparage the intellect as an impediment to creative vision.

The career of Celia Rabinovitch, a twenty-eight-year-old graduate student at McGill, makes nonsense of these suppositions. She is both an active artist (who has shown her large canvases at the Winnipeg Art Gallery and at other important exhibitions in North America) and an academic, currently completing an interdisciplinary doctoral dissertation on the religious dimensions of Surrealism, under the joint direction of the Faculty of Religious Studies and the department of art history. What's more, Manitoba-born Rabinovitch believes that the distinction between art and scholarship is an artificial one: she is convinced that she is a more perceptive painter for being a scholar, and a more sensitive scholar for being a painter.

In her university area apartment – where tubes of oil paint, brushes, and canvases are strewn alongside learned volumes – she articulates her ideas on the nature of artistic vision and the proper function of the art historian and critic. "Art deals with a gamut of human perceptions and experiences and works at many different levels," she says. "I prefer a work that conveys an experience not only formally, in composition or with colour, but conceptually and emotionally as well. That's what I admire in the great works, and that's what I aspire to in my own work."

Reflecting this aspiration, Rabinovitch's work is suffused with subtle implications of space and light that convey a sense of power and mystery. She attributes this quality to the recalled images of her prairie upbringing, informed by her own inquiries into art history and religio-aesthetics. "The space and light of the prairies create a unique environment," she says. "Its simplicity provokes a sense of unusual clarity and motion that influences the way one subsequently perceives things." She feels that painting from memory often produces a dreamlike atmosphere because the memory goes beyond pure description to yield a perception through which the essential quality, not simply the form, of the subject is conveyed. Her study of great western artists and of oriental theories of art has buttressed her own intuitions about the direction of her work. In particular, she acknowledges the influence of traditional Chinese landscape painting in which use of space is itself reflective of a particular religious sensibility.

Rabinovitch thinks that most practising artists could benefit from an understanding of artistic tradition. "It allows you to define a position as an artist and to resist the dictates of fashion," she points out. She is especially concerned about the potential vulnerability of women artists to current fads, some of which ironically derive from the feminist movement. "Feminism has been good for women artists, simply because it's enabled us to continue as artists," she explains. "But its impact can also be limiting, because it encourages women to make rhetorical images that have a sameness about them." In this connection, Rabinovitch did not join the enthusiastic response to Judy Chicago's "Dinner Party." "Its basic purpose is edifying rather than artistic," she concludes.

The reciprocal component in Rabinovitch's career – the impact of her experience as a painter on the study of art history – is already helping to place her in the vanguard of humanities scholarship. From her stand-

point as artist, she criticises much popular art history for being "bound by the methods of stylistic category, chronology, and connoisseurship," thus avoiding deeper explorations of the artist's experience. One of the reasons she turned to the study of religion, she explains, is because the religious impulse is inextricably related to the artistic quest, for both are involved with questions of meaning and the essence of human experience.

In pursuit of this insight, Rabinovitch has worked with Professor Klaus Klostermaier of the University of Manitoba to develop an appropriate methodology for teaching the history of art and religion – a pursuit she continues at McGill through her research on archaic, oriental, and occult elements in modern art. Fortunately for Rabinovitch, and possibly for the future of interdisciplinary scholarship, McGill has proven an hospitable environment for such innovative work. The university accommodated her interests by setting up a thesis committee bridging two disciplines, composed of Dean Joseph McLelland and Professor Katherine Young, PhD'78, in Religious Studies, and Professor Emeritus W.O. Judkins in modern art history. "I find people here both flexible and receptive to what I'm doing," Rabinovitch reports. "And there is certainly enough rigour in my programme to make it challenging." *John Sainsbury*□

Alaskan Inuits fund McGill chair

The first university chair to be funded by an Inuit community has been established in McGill's Faculty of Arts in the name of Eben Hopson – an Alaskan Inuit who spent the better part of his life fighting for the preservation of his people's culture.

The benefactor is North Slope Borough in Alaska, headquartered in Barrow, the northernmost town in the United States. Its predominantly Inuit population hopes that its endowment of $500,000 will perpetuate the memory of Hopson, a whaling captain, church leader, and politician, who in 1977 founded the Inuit Circumpolar Conference (ICC). Among its various activities, the ICC helps to promote research pertaining to the Inuit. In the summer of 1980 the ICC's charter was presented at a gathering in Nuuk, Greenland; and the day after the charter was approved, Eben Hopson died.

Because she has worked extensively with the ICC, Professor Marianne Stenbaek-Lafon, of McGill's English department, acted as intermediary in the negotiations between the university and Barrow's mayor, Eugene Brower, and borough assembly president, Jimmy Stotts. "I knew them both through my involvement with ICC," explains Stenbaek-Lafon, "and to be honest, there wasn't a great deal of work to be done. The idea of an endowed chair came up in casual conversation. Brower and Stotts thought it was a great idea, and so I approached Dean Michael Maxwell of the Arts Faculty with it."

By the spring of 1982, the "great idea" had become a reality. The grant is being paid in five annual installments of $100,000, and at the end of the five-year period the university will appoint a professor in the field of northern studies to the endowed chair. In the meantime, the accumulating funds are being put to good use under the supervision of a committee set up by Dean Maxwell.

Part of the money is already being used to provide scholarships for people from the North to come and study here. The first beneficiaries of this programme are Ulla Lynge and Sivart Larsen, the only students from Greenland ever to enrol at McGill. "In the past, the few Greenlandic students to venture into North American universities only lasted a few weeks," says Stenbaek-Lafon. "But Ulla and Sivart are adjusting remarkably well." The two are taking courses in English and northern studies, and they are delighted to discover that their competence in English is better than they had anticipated. Intrigued by Montreal's gallic milieu, they also plan to take courses in French. Although they find the people in northern studies friendly and helpful, they still spend much of their time with Stenbaek-Lafon, whose familiarity with their country and command of the Danish language provides them with a "bit of home."

Stenbaek-Lafon expects that further portions of the Eben Hopson endowment will be used to sponsor conferences on arctic policy and possibly to subsidise the translation into English of works written by Inuits in their native language. She hopes that the net effect of the endowment will be to promote cooperative research and scholarship among whites and peoples of the North. "There has been a lot of northern studies in universities," she explains. "But it was always done by white researchers, people coming from the outside, and very little was ever contributed by insiders. The time has come to see that the northern people are not ethnological objects."

In short, Stenbaek-Lafon, whose research and other work with the CBC take her often to the North, sees the Eben Hopson Chair as a positive step toward bringing North and South closer together. "I think when people from the South are given the chance to meet the Inuit, they will find that all the stereotypes are quite wrong," she concludes. *Adrienne Jones*□



Although the steps of the Arts Building are a far cry from their homeland, McGill's first Greenlandic students, Ulla Lynge (left) and Sivart Larsen admit to enjoying life in cosmopolitan Montreal.

Heather Durham: Fighting disease without sacrificing chickens



Harold Rosenberg

In her Montreal Neurological Institute lab, Dr. Heather Durham works to perfect a quick and humane method for determining the effects of chemicals on the nervous system.

Dr. Heather Durham, a Montreal Neurological Institute (MNI) neurotoxicologist, was recently honoured by a prize of $500 from the Canadian Society for the Prevention of Cruelty to Animals (CSPCA) for her efforts to establish alternative methods to the use of live animals in laboratory research. And though she did not set out in her innovative work to win the approval of the CSPCA, as an animal lover she was very pleased with the award.

Working in the relatively new field of neurotoxicology, Durham studies the effects of chemicals and drugs on the nervous system. "Chickens are most often used in neurotoxicity studies," she explains, "because of the similarities in the types of chemicals causing nerve damage in chickens and humans." After giving a chemical to a chicken, a neuroscientist usually allows paralysis and other side effects to occur and then subjects the bird's nervous system to examination by microscopy.

"This is an extremely tedious process," says Durham. "It takes time for pathological symptoms to develop in the nervous system, and even then it is difficult to distinguish between the primary and secondary effects of the chemical." And because the healthy, mature nerve cells of experimental animals will not divide, it is also difficult to grow the nerve cell cultures needed for research purposes.

About a year ago, while listening to Dr. Sergio Pena deliver a lecture at the MNI, Durham came to a realisation that has led to a quicker, more accurate, and humane method of determining how neurotoxins affect living organisms. Pena was reporting on his research into giant axonal neuropathy, a childhood disease that attacks the limbs and produces severe damage to the nerve cells, similar to that caused by certain toxic chemicals. In this genetic disorder, pathology also occurs in non-neuronal cells, and Pena found it in fibroblasts – a type of cell that can be made from a patient's skin biopsy, grown in tissue culture. Pena's explanation caused Durham to wonder if neurotoxic chemicals would affect these fibroblasts as well as nerve cells.

Shortly thereafter she transferred her post-doctoral research at the MNI to Pena's lab, where they collaborated to conduct further tests on fibroblasts. They soon found that chemical solvents introduced into these tissue cultures caused them to react in the same way as the nerve cells in humans and experimental animals. And they also saw that, because the fibroblasts were made of skin cells that kept redividing, they could circumvent the difficult and tedious process of growing nerve cell cultures.

Despite the success of her test model, Durham is quick to point out that it must still stand "the rigours of investigation." She explains: "I still have a lot of validation to do with different sorts of chemicals. I have to make sure that other chemicals that cause neuropathy in humans and animals also indicate abnormalities in fibroblasts."

Although her *in vitro* test model can replace certain animal experiments, it has not eliminated them completely. "Animal testing is still the best method for many purposes," says Durham. "No chemical has only one side effect, and we need to know if it is toxic to other systems in the body. Also, many chemical changes take place from ingestion to eventual effect. We can make educated guesses, but how these chemicals are metabolised by the body must be established through preliminary experiments with animals."

At the moment, Durham's quick and humane testing method works best to pinpoint where cell damage begins. She explains: "A chemical has a variety of metabolites – the solvent molecules converted in the body to the neurotoxic substances. When these are introduced directly into the skin cell cultures, it becomes easier to isolate the actual culprit. You can see cell by cell what's happening."

Judee Ganten□

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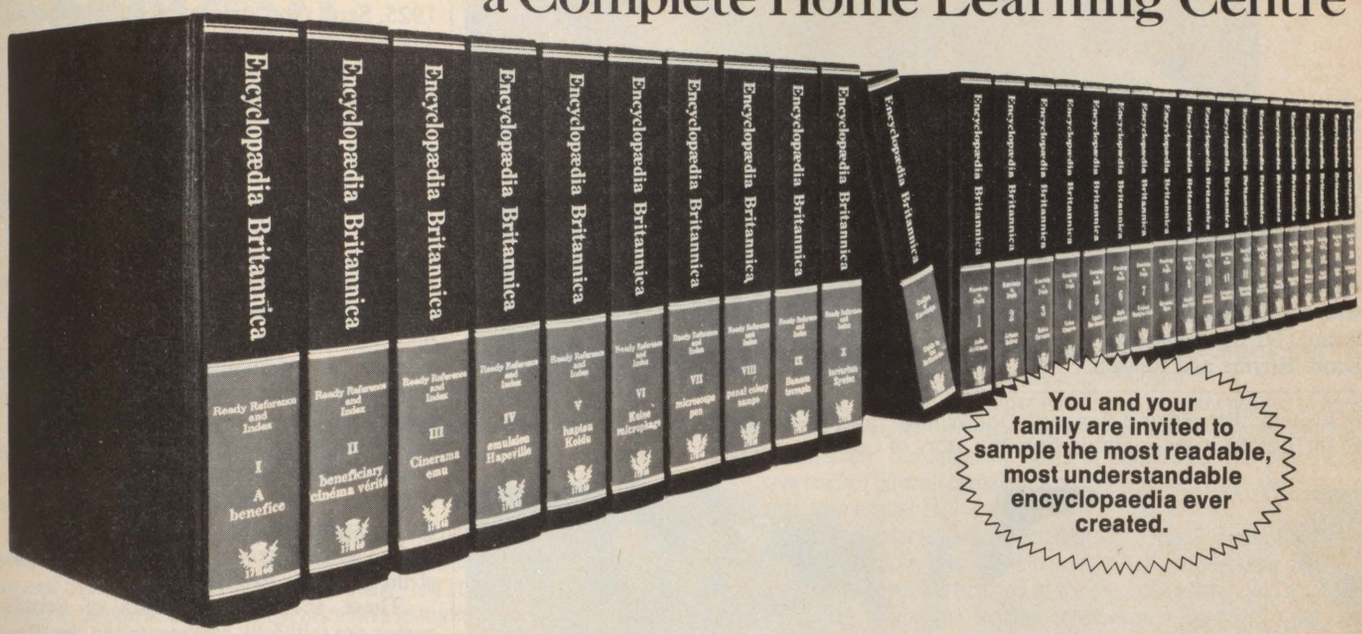
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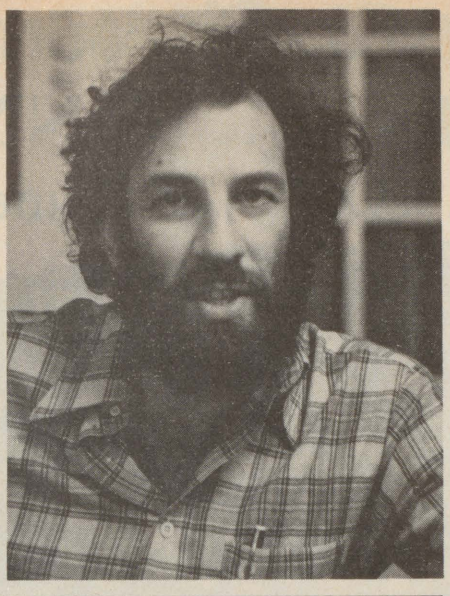
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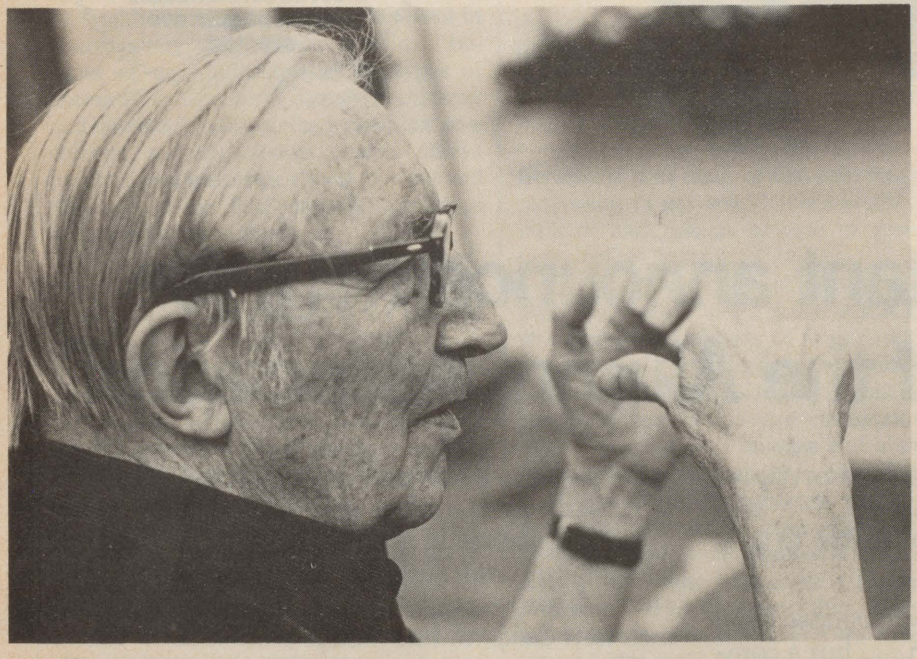
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Filming F.R. Scott



It is as difficult to encompass the many worlds of F.R. Scott, BCL'27, LLD'67 – poet, lawyer, and fighter for social justice – in an hour of film footage, as it is to write an account of his life in a paragraph. So it is to Montreal film-maker Don Winkler's credit that he does the former, convincingly and with considerable grace, in a National Film Board (NFB) documentary entitled "F.R. Scott: Rhyme and Reason."

In his film, "Rhyme and Reason," Don Winkler (above) shows that the biography of F.R. Scott (below) is inseparable from the story of Canada itself.



Photos courtesy of the NFB

"I got interested in doing films on poets, and my priority was the senior poets in this country," says Winkler. "Obviously Scott was one of them. While I was working on a film about Earl Birney, I became aware of a three-day conference on Scott's career at Simon Fraser University. It was quite an occasion, so I proposed a partial shoot, and when it was successful, I suggested a documentary to Scott."

Winkler's subject, who has taught constitutional law at McGill for nearly forty years, wryly refers to the Simon Fraser conference that was held in February 1981 as a "pre-mortem." Nevertheless, through its celebration of Scott's achievements in the fields of law, politics, and literature, it provided a useful jumping-off point for the film. "His whole life and career are a seamless web encompassing these superficially different fields," explains Winkler. "The challenge was to do justice to all of them in film as in life: not cutting them off, but blending them." This he has managed to do with a mix of stock, old stills, and this year's footage.

Scott spent his early life in Quebec City, where his father served as an Anglican clergyman. From the parochial background of early twentieth-century Quebec, Scott went to Oxford University on a Rhodes Scholarship. Here he gained exposure to new voices in poetry and painting and, as well, began developing his socialist philosophy. But it was when he returned to Canada in the mid-1920s that the real changes began. He turned away from Europe to a deeper identification with, and commitment to, his own country.

"Returning from England, he started relating to the northland," says Winkler. "He emerges as a man sure of his own values, one of those great twentieth-century men with the nineteenth-century sureness of where he is in the universe. He is a Canadian of the fourth or fifth generation and isn't afraid to say anything."

That Scott's career has proved the truth of this perception is an understatement. Entering the Faculty of Law at McGill in 1925, Scott went on to carve out a career as a lawyer committed to social justice, a Don Quixote tilting at the windmills of Maurice Duplessis's Quebec. But the legal battles – the Padlock law case and the Roncarelli affair – were only part of the story. In 1925 he and poet A.J.M. Smith founded the McGill *Fortnightly Review,* a periodical devoted to modernist poetry, in which Scott's first famous satirical piece, "Canadian Authors Meet," appeared. With this bit of establishment-baiting, Scott began a lifetime of social criticism, continuing to channel his indignation into highly satiric verse. Not content with the dual role of lawyer-poet, Scott next turned his sights to the political arena. He was a founding member of the League for Social Reconstruction, which later amalgamated with the Cooperative Commonwealth Federation (CCF). And he served as national chairman of the CCF for twelve years.

These accumulating strata of Scott's career are faithfully represented in the film; but it skirts over a controversial incident in his life: his unqualified support of the 1970 War Measures Act, which he still defends. The film does show, however, his commitment to the new Canadian constitution, which he refers to as our "rendezvous with the BNA Act."

"His life represents one side of the dialectic of this country," says journalist Graham Fraser, citing Scott's strong defence of federalism. But for Winkler, it goes beyond that. "He grew up in a very Catholic Quebec, which was turned in upon itself," he explains. "Historically, there was a hope for a social democratic state in Quebec. But as certain elements became more nationalistic, Quebec began moving away from the direction that Scott hoped it would take."

Despite the controversy over the constitution, Winkler chose not to conclude with this issue. "It wasn't the place to end the film," he says. "The whole constitutional side is contentious, and we wanted to end the film on a serene note, because behind everything that Scott does is a basic wonder, a lyrical sense of the order of things.

"The film really went beyond Frank Scott and was about Canada itself," Winkler concludes. "That's what his life is. You can't make a film in isolation. His life has been interwoven with social changes for fifty years. We tried to impose that dimension gracefully." *Phoebe Munro*□

Note: "F.R. Scott: Rhyme and Reason" will have its première on April 7, 1983, at an invitational screening held at McGill, co-sponsored by the Law Faculty and the NFB. It becomes available for public viewing shortly thereafter.

A LETTER FROM THE PRINCIPAL



Vivian Kellner

My growing understanding of McGill's history has reinforced my belief that when Arnold Toynbee advanced the notion that civilisations develop and flourish in response to a challenge, he could also have been speaking of educational institutions. In the past few years McGill has been challenged and is responding vigorously. And I would like to tell you about some of our actions and current achievements that illustrate our ability to thrive in challenging times.

In spite of contrary predictions, McGill's student population has gradually increased during the past few years. We are now larger than we have ever been and see this year as our "peak." The students, themselves, continue to be one of McGill's most attractive features. Twenty percent of them are French speaking; twelve percent come from other Canadian provinces; and some eight percent are students from 120 different countries. This "mix" of students contributes to a rich and cosmopolitan environment in which young people can both study and develop tolerance and understanding of their fellows.

If the diversity of our students is one of our attributes, their excellence is another. A review of their performance in the annual competition for Rhodes Scholarships is a good measure of their quality. Each year, eleven such awards are made in Canada's seventy or so universities and colleges. Over the past five years, McGill students have won twelve scholarships, a record unmatched by any other Canadian university. Another measure of excellence, perhaps the world's most prestigious, is the Nobel Prize. During the same five-year period, three McGill graduates have received this much coveted award.

In its teaching and research, McGill has maintained and is improving its position as an internationally renowned university. However, continued underfunding cannot but have a negative impact on our activities. McGill is equitably treated under the Quebec government's formula for the funding of its universities. Provincial grants, which include transfer payments from the federal government, cover most of the operating expenses, but in recent years these have not kept up with inflation or permitted new developments.

Our administration team, with the guidance of Vice-Principal (Administration and Finance) John Armour, continues to meet the challenge of doing more with less, as do our deans and faculty. However, "just to manage" is unacceptable to a university that prides itself on excellence. The answer to this dilemma has two parts – careful planning and increased private support.

To plan more effectively the academic activities of the university, Vice-Principal (Academic) Samuel O. Freedman has recently put into place a system for conducting cyclical reviews of the more than 150 teaching and research programmes at McGill. In addition, a budget task force, which includes representatives from all parts of the McGill community, was established by the board of governors eighteen months ago. This budgetary group defines "areas where quality exists or is within reach," as being those to be given first priority for any discretionary allocation of resources. Also, Vice-Principal (Planning) Edward J. Stansbury is evaluating the overall plans and priorities of the university in consultation with the deans and directors of the library and continuing education.

Building modernisation is one significant concern. Many of our older, historic buildings have become obsolete for teaching purposes. Given by generous donors over the decades, these campus landmarks must be renovated to become functional and energy-efficient.

Expansion of university computer facilities is urgently needed to keep abreast of the computer revolution. As well, our library system requires further automation. The spiralling costs of purchasing and processing books have made it difficult to maintain our collections. Hence the library's purchasing power must be increased.

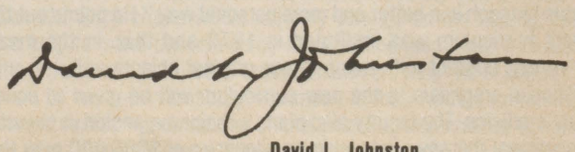
Increased funding for fellowships, scholarships, teaching assistantships, and loan funds is critical. This will help to attract the outstanding students we have come to expect, particularly at the graduate level. It will also help to provide a core of younger teacher-scholars at a time when the professoriate of North American universities is rapidly aging.

Vice-Principal (Research) Gordon Maclachlan reports that over the past four years, funding for research and graduate study support from external granting sources have increased dramatically to $56 million last year. Competitively won research grants are the lifeblood of a university dedicated, as we are, to the twin vocations of teaching and research. And to ensure high quality teaching and research in our university, reliable support services and an active staff are essential.

To date the exceptional dedication of both academic and non-academic staff has permitted McGill to avoid an untenable budget position. Decreased in number by almost ten percent over the past five years, despite increased enrollment, they have willingly cooperated to assume additional tasks and have been highly tolerant of salary policies. Their cooperation has been crucial because staff salaries alone comprise over eighty percent of the total university budget. Thus we have been able to maintain a manageable deficit and still keep faith with Stephen Leacock, who once observed: "The second oldest tradition at McGill is to have an annual deficit; fortunately the oldest tradition is one of benefaction!"

How right he was! In these last three years contributions to the Alma Mater Fund have doubled, and we are proud of the fact that we have more donors than any other Canadian university. Perhaps it is this response from graduates and friends that is the most encouraging of all, because it is our private support which makes the critical difference between a good and a superb university.

During this next decade, McGill's cherished tradition of graduate participation in the moral and financial support of the university will be essential. Increased private funding and careful institutional planning will guide us through the adversities of reduced government grants and continued inflation. Stimulating renewed energy and aspiration, they will sustain our belief that McGill thrives in vigorous response to challenge. And they will permit us to predict confidently that by the time McGill comes to celebrate its 200th anniversary in 2021, it will still stand as one of the world's great universities.



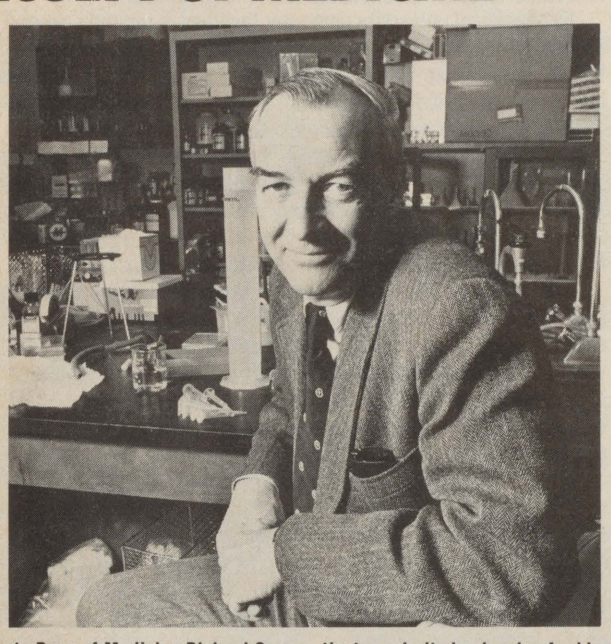
David L. Johnston,
Principal and Vice-Chancellor of McGill

McGill's faculties look to the future

by Charlotte Hussey

Not only does the Principal feel that McGill will thrive in these challenging times, but the twelve deans are also looking ahead with confidence and determination. In the representative sampling that follows, the deans of Medicine, Engineering, and Arts talk about plans for enhancing the quality of teaching and research in their respective faculties.

FACULTY OF MEDICINE



Photos by Vivian Kellner

According to Dean of Medicine Richard Cruess, the top priority in planning for his faculty's development is to preserve its place in the vanguard of medical teaching and research. The medical school already has on its alumni roster such luminaries as recent Nobel Prize winner David Hubel, BSc'47, MD'51, and Phil Gold, BSc'57, MD'61, MSc'61, PhD'65, first recipient of the Ernest C. Manning Award for innovative work by an outstanding Canadian. And Cruess is determined that he and his staff "continue to turn out the leaders in North American medicine."

He is confident that the quality of the faculty can be preserved, even enhanced, despite the anticipated government curtailment of medical school admissions, which will likely produce a contraction in the future from the current first-year enrollment of 160 students. Because Quebec has one of the highest physician/patient ratios in North America, he feels that "there is some justifiable pressure from the Minister of Social Affairs to decrease the size of the entering medical class and to reduce the number of postgraduate positions available within the McGill teaching hospitals."

Cruess proposes a policy of "creative shrinkage" to meet the new realities in medical education. "We look forward to the opportunity of structuring a curriculum for smaller groups," he says, "and feel that we will be able to teach in a better and more personal way." He points out that the current curriculum was instituted in 1970 and that, in the meantime, "we've lost contact with some of our original objectives."

Special emphasis in the new curriculum will be given to courses in family medicine. The faculty also plans a major expansion in physical and occupational therapy – involving an allocation of $200,000 over the next five years – in part to address the needs of Canada's aging population. The $200,000 will be used to fund two visiting professorships and to increase the research base in physical and occupational therapy.

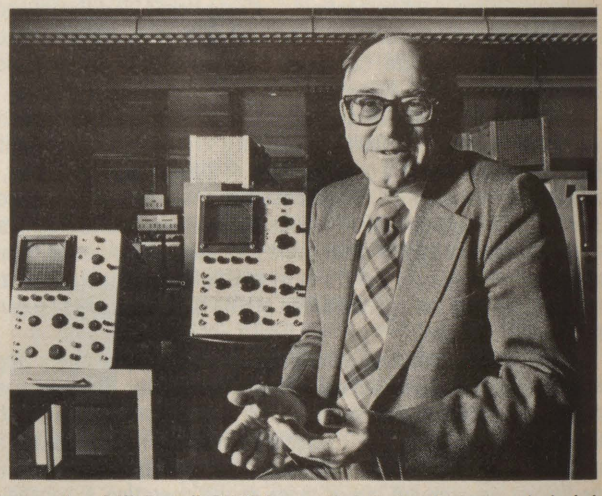
Another major priority is to upgrade the Artificial Cells and Organs Research Centre. The dean has earmarked a substantial sum towards providing the necessary staff and facilities in those areas not already covered by a university-wide effort to support biotechnological research. This grant will assist the development of a novel artificial kidney and a liver support system and go towards improving the treatment of patients suffering from acute intoxication, chronic schizophrenia, and hemoperfusion.

As well, Cruess has budgeted $700,000 to support the directorship of the new Centre for the Study of Human Nutrition. "This is an inter-faculty unit using the resources of Macdonald College, for food science, and the Faculty of Medicine, for human nutrition and disease," Cruess explains. He reports that Dr. Errol B. Marliss, a renowned expert on human obesity, has already been recruited to direct the centre.

Looking further into the future, Cruess envisages the endowment of eight chairs in clinical medicine. He comments: "Such chairs offset the financial burdens of the major departments; they aid in the recruitment of world-renowned individuals; and they perpetuate the name of the person or corporation who has made the endowment."

The dean's expectations in this regard are encouraged by the past support that his faculty has always enjoyed from the alumni. "We're doing well in spite of budget cuts," he concludes. "We have a flexible, clever faculty, and private donations given over the past hundred years have helped us immensely."

FACULTY OF ENGINEERING



Dean of Engineering, G.W. Farnell, PhD'57, says that his faculty has reached what a mathematician would call "a saddle point." "Over the decades we have progressed slowly upwards," he says. "But there are now possibilities either of continuing upwards or of sliding into the next valley." A growing undergraduate enrollment, shortages of staff, and obsolescence of equipment, as well as an economic downturn that has forced companies and governments to reduce or cancel their financial support for faculty projects, are some of the obstacles that must be overcome. But, despite these problems, Farnell is optimistically making plans for the faculty's future.

A project committee is currently at work on a ten-year, $6 million renovation plan for the engineering facilities. This six-building complex, described by the dean as "a real patchwork," is one where today, at great inconvenience, single departments can be found spread over five floors and four buildings. Over the years, as more and more design work came to be done on computers, the faculty turned over the open areas of drafting room space to other uses. But today, because of ever increasing enrollments, that space is gone. Consequently, says the dean, some of the rapidly expanding fields, such as robotics, have research money and graduate students, but no space.

Although at two or three United States institutions it is now com-

pulsory for students to have their own home computer, Dean Farnell is far from making this a requisite; but he has earmarked some $2.1 million for the expansion and updating of the current computer equipment in the faculty. All departments, as well as the Schools of Architecture and Computer Science, urgently need interactive computing displays, or as he calls them "user friendly" software. These are programmes that speak to a person with the language of the computer. "Because a lot of our communication is visual," he adds, "it would be very convenient to have interactive graphic facilities that would enable us to present conveniently designs and problem solutions in this visual format."

Plans are afoot as well to provide additional manpower and resources to enhance the faculty's world-class research strength in such areas as computer-aided design and communication, occupational health, plastics technology, the working of metals, robotics and computer vision, industrial drying, low-cost housing, appropriate technology for underdeveloped countries, optimisation, and more. For example, technicians often need support in transitional periods between grants. The dean would also like to provide for more visiting professorships, post-doctoral fellowships, and research associateships.

As well, Farnell would like to allocate over $2 million of his budget towards the purchase of new engineering equipment. "The whole way one makes measurements is changing so rapidly," he says. "And with our present replacement budget, it's difficult just to keep up with wear and tear." In the undergraduate laboratories, professors are trying to expose students to equipment concepts and measuring techniques that parallel the current state of the art in industry. And staff members who are exposed to enticements from industry must be provided with a suitable work environment at McGill for their research and teaching.

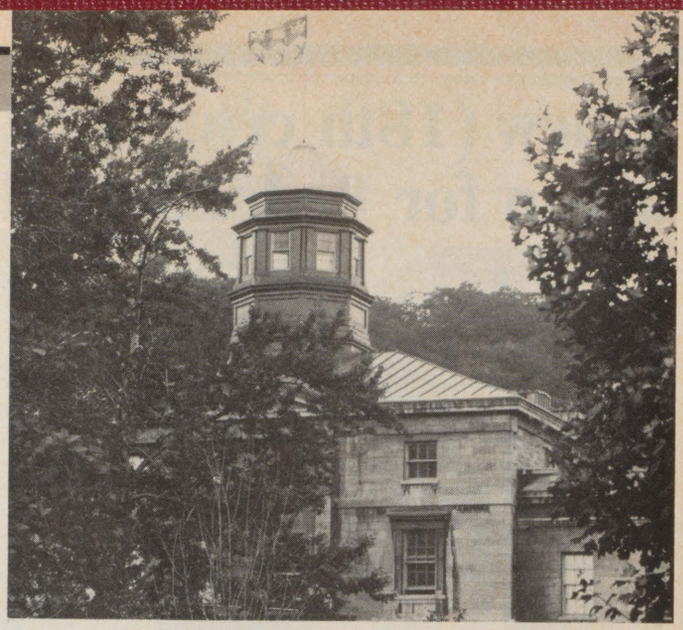
Farnell feels strongly about keeping his present staff intact. "We have an exciting staff in place at the moment," he says. "Many of them are between forty and fifty years of age and at the peak of their careers. They are excited about what they are doing and very active. I view the future with confidence, for as long as you have this kind of staff around, problems can be resolved much more readily."

FACULTY OF ARTS



Dean of the Faculty of Arts, Michael Maxwell, DipAgr'54, MA'61, PhD'66, believes in planning way ahead. "Universities are a long-term investment," he says. "What is done today will have an impact fifty or sixty years from now." For that reason, he has been at work carefully plotting the future course of what he describes as his "enormously active" faculty.

The cornerstone of the arts' discipline is its library holdings. "It is essential that we maintain and improve our library resources," says Maxwell; and to that end he would like to allocate about $3 million towards his book-purchasing budget. In the *Chronicle of Higher Education* of January 27, 1982, McGill's library system was ranked 47th out of 101 leading North American universities. And the system has many strengths, including one of the best collections in the country of Canadian Studies. It is also strong in European material. These collections must be maintained and expanded. And, in spite of inflating prices for published materials, Maxwell is determined to make available the books and periodicals that his staff and students require to keep abreast of advances in other fields.



As well as employing traditional library materials in their work, the faculty's researchers are spending an increasing amount of time in front of computer terminals. To accommodate this growing trend towards quantitative analysis, Maxwell would like to spend $300,000 of his budget over the next five years to upgrade the Social Sciences Statistical Laboratory on the seventh floor of the Leacock Building, specifically by providing interactive computing services for the departments of economics, political science, and sociology.

Reflecting the diversity of his faculty's activities, Maxwell's concerns range from computers to drama. Morrice Hall, which houses a drama teaching laboratory, is currently undergoing renovation; but more needs to be done in order to maintain and enhance the vitality of the instructional theatre programme. Maxwell hopes that the faculty's budget in the future will allow for the installation in Moyse Hall of new sound and lighting systems, stage equipment, and tools for set design work.

McGill's drama teachers draw on a collection of 30,000 slides for research and teaching purposes. Together with the art history department's assemblage of 130,000 slides and reproductions, these require maintenance and renewal. Maxwell would like to appropriate $100,000 for this purpose. He points out that teaching in the art history department ("the best in Canada," he calls it) is dependent on visual aids and, because of heavy usage, these are subject to considerable wear and tear.

Maxwell recognises that, ultimately, the quality of his faculty depends, not on buildings and equipment, but on the calibre of its students and staff. "We want to encourage students from across Canada to come and study at McGill," he says. For that reason, he plans to provide $150,000 to fund graduate student fellowships in Canadian studies. Already, twenty-five MA and PhD degrees – involving thesis topics ranging from Iroquoian pottery to the novels of Anne Hébert – have been awarded to students in the eight departments forming the core of the programme.

To strengthen teaching and research in Arts, Maxwell would like to see endowed chairs established in the fields of English-Canadian literature, Jewish studies, East European studies, and the society and politics of French Canada. Such chairs would not only strengthen the faculty; they would also help to make the university more independent, Maxwell feels. "One of the unfortunate features of Canadian universities," he explains, "is that they are far too dependent on government. In the States, communities have endowed sufficient numbers of chairs, enabling universities to maintain a core of staff and a degree of independence. It's terribly important for us to build such a core over the next hundred years." □

A new (18th century) organ for Redpath Hall

by John Geeza

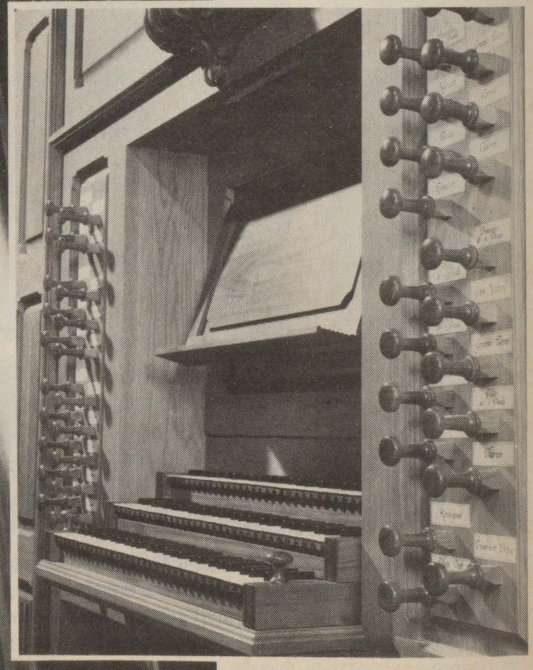
A few years ago, a man who must remain nameless peered into the silent darkness of Redpath Hall. He had a strong attachment to this Victorian Gothic building with its immense wooden roof, adorned with the heads of fabulous creatures. And as the late afternoon light filtered through the glimmering stained-glass lancet windows on its west wall, he began to imagine that the rear gallery, then burdened with stored library books, was filled instead with an organ case. He could almost hear the sweeping chords of music that would cascade from the large pipes.

Shortly afterwards on a snowy day in 1976, the man, who is both a scientist and a music lover, was talking to John Grew, associate professor of harpsichord and organ in McGill's Faculty of Music. "Why is it," he asked Grew, "that Montreal is full of German organs and doesn't have one French classical organ?" Later he added, "How much would an organ like that cost to build?"

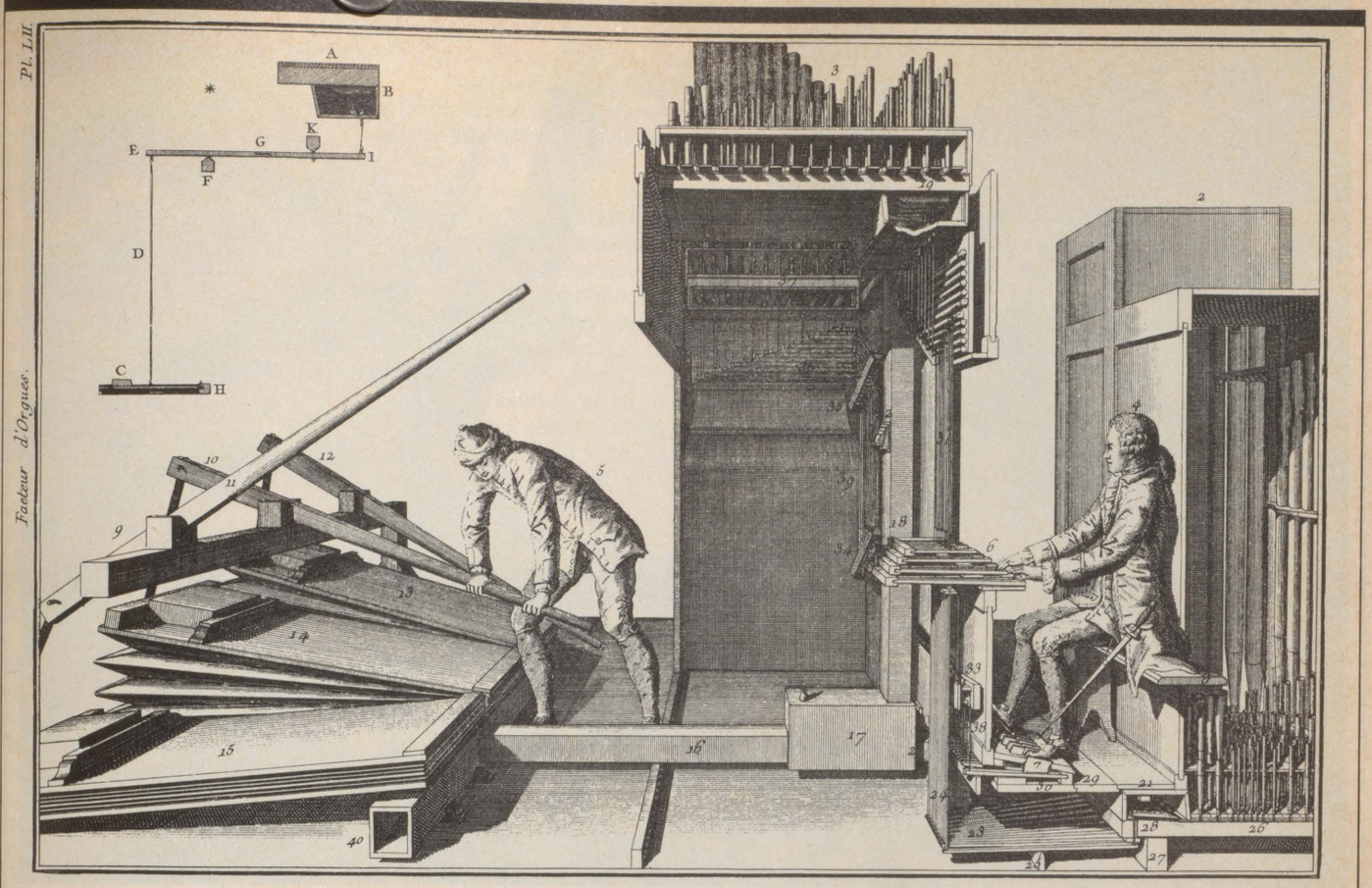
Today, thanks to a generous gift from the anonymous man, a French classical organ, constructed by Laval organ-maker Helmutt Wolff, gleams in a restored Redpath Hall.

It is an instrument that is historic in two senses: it is made according to specifications set down over two hundred years ago, and it is one of the first of its kind in North America. In 1980 its advent was heralded in *A New History of the Organ* by Peter Williams; and its birth was celebrated by the first Canadian conference on organ music and organ building held at McGill in May 1981. Arthur Lawrence, writing in the monthly periodical *Diapason* about that event, said of the organ: "It will undoubtedly be a candidate for serious recordings and will probably remain a unique creation."





The organ features detailed carving on its oak casework (left). The three keyboards of the consol (below) are framed by stops that are labelled with hand-lettering on parchment.



This engraving from Dom Bédos, *L'art du Facteur d'orgues,* shows the prototype of McGill's organ as it would have been played in the eighteenth century – with the organist at the keyboard and a man pumping the air bellows for wind supply.

What makes it so special is its stunning musical evocation of Paris in the 1750s – the golden age of French keyboard music – when hundreds of people, some in tatters and some in velvet, crowded into Notre Dame to hear Louis-Claude Daquin play his own variations of Nöel tunes on the organ. These *Concerts Spirituels,* given outside the normal liturgical framework, attracted such crowds that the clergy finally forbade Daquin to play. But, despite this interdict, composer-organists such as Daquin, continued to experiment with dramatic textures of sound, to advance musical theories, and to write volumes of musical exercises and *Livres d'Orgue.* Also, Dom Bédos, a Benedictine monk, published a treatise in 1766 called *L'art du Facteur d'orgues,* specifying how to build the instrument that had come to epitomise the French sound. Later, as new instruments, pitches, colourings, and ways of tuning developed, the classical French organ, and its whole repertoire of music, fell silent.

Wolff built the Redpath organ to recapture the colours and distinctiveness of that music. He decided on an organ with three manuals and pedal and thirty-seven stops specifically to fit the needs of Redpath Hall's intimate 400-seat capacity. The "godfathers" of the instrument, Grew and University Organist Donald Mackey, encouraged Wolff to return to the Dom Bédos specifications. Some of the materials and technology used in the organ's construction – such as plastic, plywood, and an electric airblower – would have been unknown to the monk, but, says Wolff, "The keyboard measurements, the Positif backballs, the couplings, the measurements of the pallets, and the displacement of the action are all based on the recommendations of the great Benedictine scholar."

Grew describes the resulting sound as unique "in the brilliance of the reeds and the mild singing quality of the mutation stops." He continues: "This instrument blends well with baroque instrumental ensembles – say in Handel organ concertii. The pitch is at A=415, which is half a tone lower than the modern A=440. The tuning system follows d'Alembert's mid-eighteenth-century prescription for unequal temperment, which is synonomous with Bach's notion of well-tempered. It's the combination of this low pitch and unequal tuning temperment that gives each key a more individual character."

Adds organ-maker Wolff: "The French-style voicing of the pipes, with closed toes, low cut-ups of pipe mouths, accompanied by a fairly robust wind pressure, has lent itself remarkably well to the organ's acoustical environment, and at the same time gives the individual stops a marked timbre that evokes the French language." He is confident that the organ will "lend itself to many repertoires without compromising its French character."

Indeed, not only does its repertoire extend from Couperin and de Grigny through Bach and Mozart, but it has already inspired at least two modern composers: Bruce Mather is reported "writing something" and Professor Bengt Hambraeus of McGill's Faculty of Music has completed a four-volume *Livre d'Orgue* specifically for it.

As well as furthering the creation of a new organ literature, the instrument also allows students an invaluable chance to learn, play, and hear a body of early music as it was meant to be heard. "It is a teaching facility of a most important nature," concludes Grew, "comparable in its pedagogical effectiveness to the most up-to-date equipment in a science laboratory." Moreover, it is a gift to the larger Montreal community, as well as to the university, because the donor stipulated that free recitals, open to the general public, be performed on it.

At the risk of belabouring the point, this is a special instrument that has produced great interest and excitement in the world of organ music. Participants in the 1981 symposium applied the word "integrity" many times to its construction and sound. At one of those symposium recitals, in a refurbished Redpath Hall, its donor sat inconspicuously, listening to the celebrated Italian organist Luigi Ferdinando Tagliavini perform his interpretaton of Vivaldi's *Concerto in D Minor.* And as Tagliavini stood up to thunderous applause, the donor turned to John Grew and said: "Well, it sounds good to me. I hope you like it." □



Courtesy of Canadian Geographic

This artist's impression shows a group of horned dinosaurs in characteristic herd formation. Fossil evidence reveals that these herbivorous creatures frequently perished together in large numbers.

Philip Currie: Hunting for dinosaurs in the badlands of Alberta

by John Sainsbury

Dinosaurs are fascinating for most children; but for Philip Currie, MSc'75, PhD'81, a childhood obsession with the reptilian giants of past millenia has developed into an adult vocation. Now, at age thirty-three, Currie has become Canada's foremost hunter of dinosaurs and a pioneer in the quest to understand the conditions under which they flourished and became extinct. Operating from a base in Drumheller, Alberta – where he is assistant director of the new Tyrrell Museum of Paleontology scheduled to open in 1985 – he leads teams of professional paleontologists and volunteers in search of the fossilised remains of the amazing creatures that roamed the earth in the late Mesozoic era, over 65 million years ago.

The dinosaur hunters find their primeval treasures in the badlands of Alberta's Red Deer River valley, a semi-arid wilderness of bizarrely-shaped bluffs and gullies. This terrain is daunting to say the least, but for Currie its ancient sediments contain a fossil legacy that ranks with oil, rich farmland, and mountain scenery as part of Alberta's great natural endowment.

Back when the dinosaurs ruled the earth, Currie explains, the region possessed a temperate, moist climate. It was transected by rivers draining eastward into an inland sea that occupied much of what would become the North American prairie. Along the stream banks, and in the swampy forests of redwood, cypress, katsura, and magnolia trees, lived the dinosaurs – some as small as ostriches, others, like the flesh-eating *Tyrannosaurus rex,* as heavy as eight tons.

Currie's odyssey into this past age really started when, as a six-year-old child, he found a plastic dinosaur in a cereal box. Then, when he was eleven, he read about a U.S. expedition to Mongolia to search for dinosaur remains. "I decided at that time that I wanted to collect dinosaurs when I grew up," he says. "And I've never looked back since."

After studying paleontology at the University of Toronto, Currie came to McGill to work with Professor Robert Carroll, one of North America's most highly regarded vertebrate paleontologists. Currie wrote his master's thesis on the origins of mammal-like reptiles and a doctoral dissertation on a stem group of aquatic reptiles from the island of Madagascar. But even before completing his doctorate, he was already fulfilling his childhood ambition to be out in the field, hunting for dinosaur remains in the badlands of Alberta.

He explains: "In 1976 I applied for the position of curator of paleontology at the Provincial Museum in Edmonton. I didn't have my PhD at that time, and I was competing against people who, on paper, were better qualified. But I was the only candidate who was willing to work on reptiles; so I got the job." It was partly thanks to Currie's efforts that interest in Alberta's prehistorical fauna became so great that the

provincial government decided to establish the new museum in Drumheller, where the province's dinosaur heritage could be preserved and displayed, and further research encouraged.

Currie points out that Alberta has long been a favourite quarry of dinosaur hunters from outside the province. During the "Great Dinosaur Rush" (1914-1928) more than two hundred major dinosaur specimens were excavated from the badlands region and sent to museums in different parts of the world. But at that time collectors were obsessed with retrieving articulated skeletons for display purposes, and they ignored a paleontological resource that Currie is finding invaluable: the great dinosaur bonebeds. These are accumulations of unconnected skeletons of many dinosaurs, so jumbled that it is usually impossible to tell which bones belong to which individuals. For Currie, however, the bonebeds (several of which are larger than a football field) furnish pieces of a paleontological jig-saw puzzle that, when pieced together, will help provide a detailed portrait of life in the late Mesozoic era.

Already excavation has yielded many species of reptile that were hitherto unknown in the region. One of these is *Dromaeosaurus* – a small predatory dinosaur that ran on powerful hind legs like an ostrich. The middle toe of this animal was raised off the ground and equipped with a large claw, which it probably used to disembowel its prey. "*Dromaeosaurus* must have been a vicious little animal and extremely active," concludes Currie.

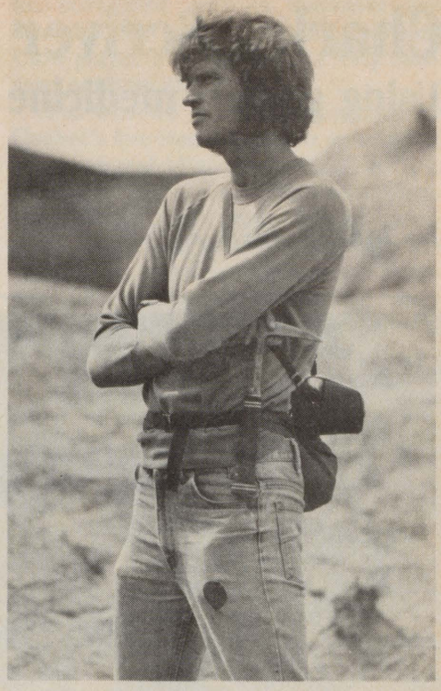
Another exciting discovery for Alberta's paleontologists was the femur bone of the *Quetzalcoatlus northropi* – a gigantic pterosaur with a wingspan of between forty and fifty feet. "Flying reptiles were not well known in Alberta before this discovery," Currie notes.

For Currie and his colleagues, retrieving and identifying dinosaur remains are just the beginning of their scientific quest. The fossilised fragments and accompanying geological data are then employed as vital clues in the attempt to discover, not only what the animals looked like, but also how they lived. What has emerged from such analysis is that dinosaurs were not the solitary monsters depicted in science fiction movies. Rather they were herding animals who grazed or hunted together – and sometimes perished together as well. Many bonebeds tend to be dominated by the remains of a particular genus of animal, commonly a type of horned dinosaur. Moreover, the size of the bones collected suggests the presence of dinosaurs of different age groups. All this, Currie concludes, is consistent with the view that dinosaurs lived in packs and were subject to periodic decimation, possibly by flooding.

Currie also points to intriguing evidence that the social instincts of dinosaurs extended to parental care. From Montana and now Alberta, the paleontological record is revealing that dinosaurs arranged their eggs in nests; that the hatchlings were fed in the nest until they were several months old; and that young dinosaurs were kept for protection in the centre of migrating herds.

As this kind of data accumulates, the stereotype of dinosaurs as stupid creatures, wallowing sluggishly in an evolutionary twilight, becomes less and less tenable. After all, Currie points out, dinosaurs lasted for 160 million years (an impressive record compared to the tenure of the higher primates) and for most of that time they competed successfully against mammals. There is also evidence that dinosaurs were becoming smarter, not dumber, as they approached extinction. "We see an increase in the brain size of dinosaurs over their history, together with the development of more complex locomotory patterns," notes Currie. A time traveller to the late Mesozoic might even have found in one small dinosaur, *Stenonychosaurus,* an animal capable of becoming an obedient, if somewhat uncuddly, pet. What's more, Currie finds quite feasible the view advanced by Dr. Dale Russell, of the National Museum of Natural Sciences in Ottawa, that some dinosaurs were evolving toward a highly intelligent life form, with a brain capacity similar to that of man's.

All this, of course, raises the question: If dinosaurs were so smart and so well-adapted to their environment, then why did they become extinct? "There are so many theories on dinosaur extinction, it really boggles the mind," Currie chuckles. Personally, he is sceptical of the currently fashionable hypothesis of catastrophic extinction, which postulates an asteroid hitting the earth, creating dust that obliterated the sun and destroyed virtually all life. He thinks, on the contrary, that dinosaur extinction was a slow process, taking as long as five million years, the result perhaps of climatic changes and a gradual degradation of the food supply. As study of Alberta's fossil beds continues, he expects that this process will become much better understood. "We have a chance of proving or disproving a lot of theories," he says. And he even hints at the intriguing possibility that as the mystery of dinosaur extinction is solved, the future fate of man himself on the planet may yet become clearer. □



Brian Noble: Tyrrell Museum of Paleontology

Dr. Philip Currie: "There are so many theories on dinosaur extinction it really boggles the mind."

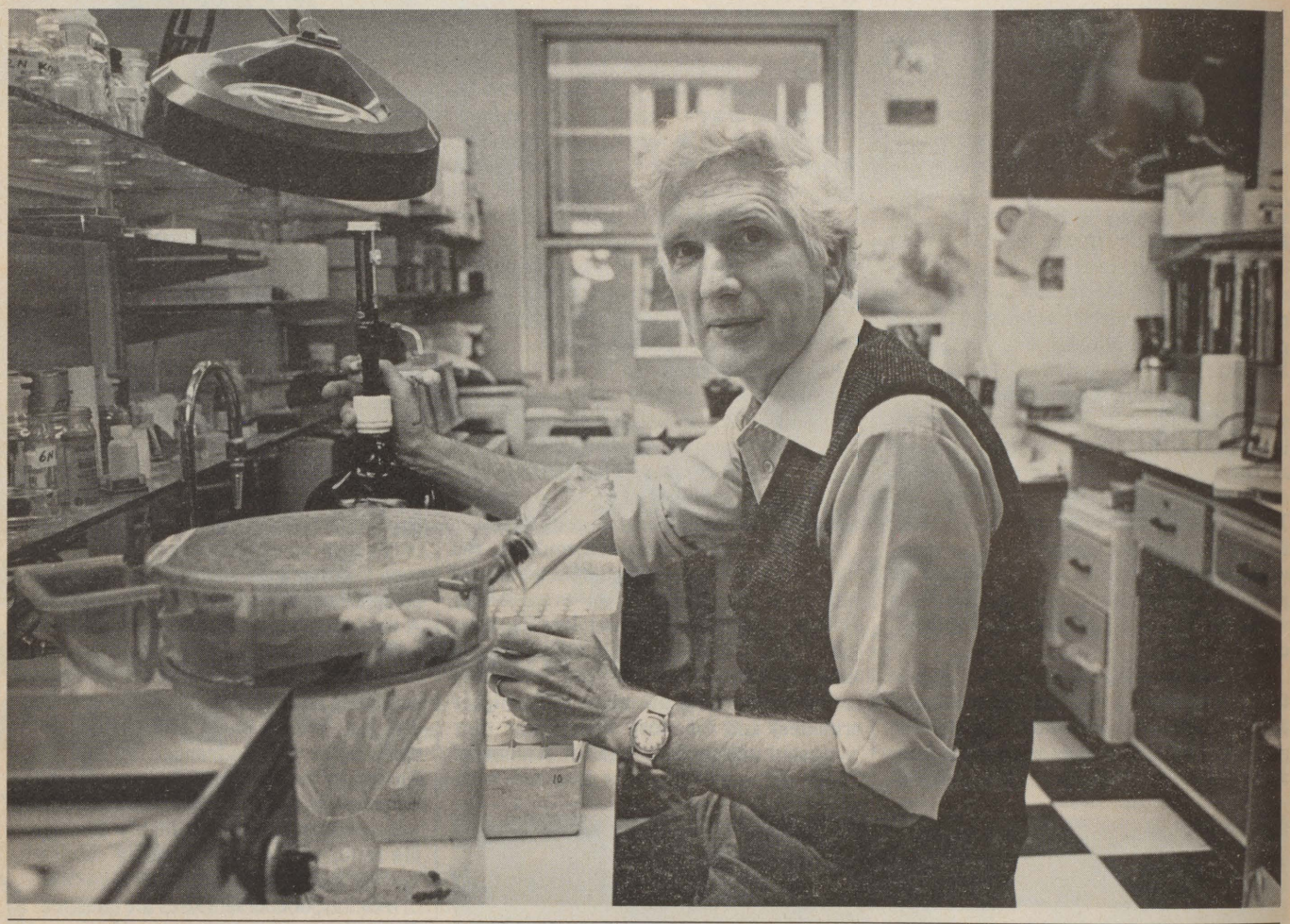


Courtesy of Canadian Geographic

Currie works with brush, chisels and awls to expose the bones of a primeval fauna.

Charles Scriver and Carol Clow:
Using genetic medicine to mitigate nature's mistakes

by John Sainsbury



Vivian Kellner

Dr. Charles Scriver's laboratory research in genetic chemistry has led to some dramatic advances in health care.

Few scientific fields have created more excitement and more confusion among laymen than the field of human and medical genetics. It has at the same time raised wild hopes of a world free from disease and suffering, while evoking fears of a threat to our humanity from latter-day Frankensteins engineering clones in sinister laboratories.

For Charles Scriver, BA'51, MD'55 – McGill professor of biology and pediatrics and co-director of McGill's Medical Research Council Group in Medical Genetics – the study of our genes' chemistry offers solutions, but not panaceas. His goal is not to emulate Frankenstein, but to mitigate nature's mistakes by treating genetically caused diseases and preventing their transmission to future generations.

The base of Scriver's endeavours is the Montreal Children's Hospital, where since 1961 he has directed the De Belle Laboratory for Biochemical Genetics. The laboratory is open in design, brightly decorated, and staffed with people who convey a cheerful enthusiasm for their work. Its atmosphere characterises the McGill approach to genetics – uncompromisingly scientific, yet humane and compassionate.

Typifying this spirit is Carol Clow, one of Scriver's closest collaborators. The mother of six children, she started work as a part-time laboratory assistant nineteen years ago; she has subsequently become, despite her lack of formal professional training, one of the principal architects and coordinators of genetic screening and counselling in Quebec, as well as a valued member of McGill's department of pediatrics. Her remarkable career (which has recently been honoured by her induction into the Order of Canada) suggests that in the ever-changing field of medical genetics an energetic spirit of enquiry, coupled with a desire to help the victims of genetic mutation, can more than compensate for the lack of a traditional scientific education.

The axiom upon which Scriver, Clow, and their colleagues proceed is that our state of health is a product of an interaction between our genetic constitutions and our environmental experiences. "Our genes propose, and our experiences dispose," is the aphorism best describing this relationship. With the growth of modern medicine, Scriver explains, there has been a crucial change in this interplay. "One hundred years ago, illness was mainly related to experiences that overwhelmed our ability to compensate and survive," he points out. "People were vulnerable to pathogens out there in the environment, to toxicity, and to malnutrition." But all that has changed with the advent of improved public health

procedures, better nutrition, immunisation programmes, and antibiotics. Now, increasingly, the main threat to our health is not from without but from within – from our genetic inheritance, which either initiates disease or predisposes us to it in particular environments.

Unfortunately, the very success of the traditional war on disease has obscured this reality. New campaigns against the extrinsic enemies to health preoccupy medical practice and its financial backers, simply because the old campaigns were so triumphant. We are persuaded that modern killers such as coronary disease must be exclusively environmental in origin; and society tacitly stigmatises the heart attack victim as the bearer of an unhealthy "lifestyle." But, as Scriver points out, many heart-attacks are the result, not of profligacy, but of genetically inherited disorders, which no amount of jogging, clean living, or low fat diets can prevent.

Scriver and his co-workers are attempting to address the genetic component of disease at several different levels: in the laboratory, where the metabolic disorders produced by genetic deviance are analysed; in the community, where techniques refined in the laboratory are used to locate the victims and carriers of genetic disease; and at the bedside, where the sufferers of inborn errors of metabolism are treated. "Doing research and applying it typifies what we've been doing for over twenty years," says Scriver.

When he returned to his alma mater in 1960, after post-doctoral studies at Harvard and University College, London, Scriver began researching the mechanisms of chemical transport across cell membranes. This apparently arcane study in human biochemistry – combined with clinical observation – soon yielded some important and practical results. Scriver and his colleagues discovered that a high incidence of rickets in children in parts of Quebec was caused by a disorder of amino acid reabsorption, the result of endemic Vitamin D deficiency. This scourge was controlled when Scriver, and others in Quebec's universities, helped to organise a successful campaign to have Vitamin D put into the province's milk. At first the episode seemed like another straightforward success for traditional epidemiology. But then Scriver and his team made an interesting, even startling, discovery: they found that some children continued to suffer from rickets even after they had received supposedly sufficient quantities of Vitamin D in their diet. The conclusion was drawn that these persisting occurrences of rickets were genetically transmitted, not environmentally imposed.

In research performed with Francis Glorieux, PhD'72 (then Scriver's graduate student and now a McGill associate dean of Medicine), Scriver discovered that this genetic variant of rickets was produced by an inborn error of phosphate transport in the kidney. Further research with Harriet Tenenhouse, BSc'61, MSc'63, PhD'72, revealed the cellular basis for the various forms of the defect. Today, as a direct result of this laboratory work, treatment for hereditary rickets can be successfully provided. Furthermore, Scriver expects that a genealogical register developed by Professor Gerard Bouchard of the University of Quebec at Chicoutimi will help identify individuals at risk, thus enabling treatment to be applied before hereditary rickets can inflict its permanently damaging effect.

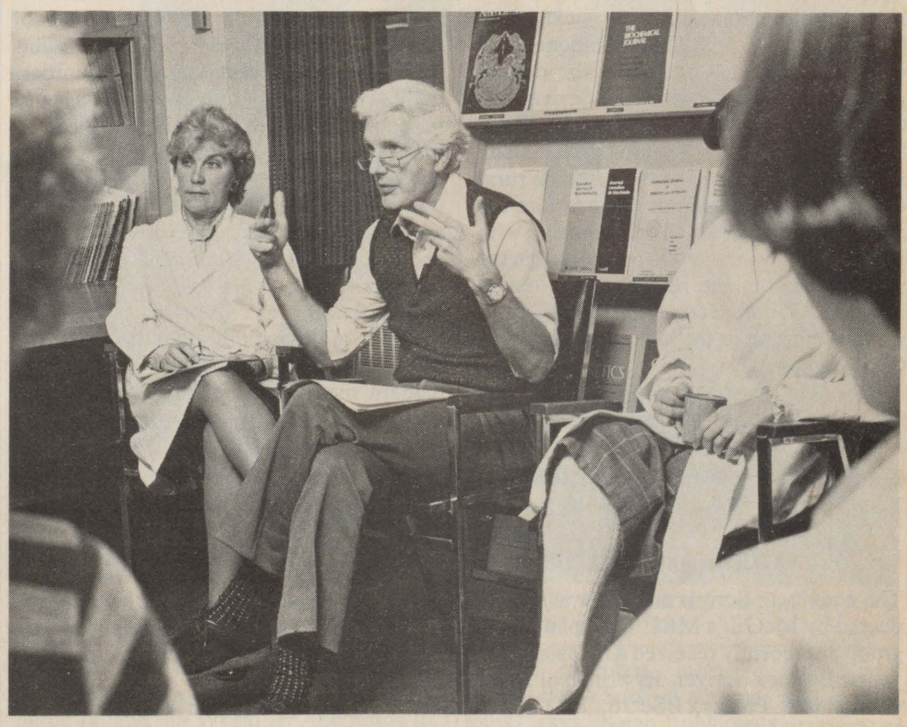
Increasingly, says Scriver, the main threat to our health is not from without, but from within – from our genetic inheritance.

The rickets study provided a dramatic illustration of the genetic component in disease, and its message was implicitly recognised by an exciting development in provincial medical care: the establishment of the Quebec Network of Genetic Medicine. Set up in 1969 by Clow and Scriver at McGill and Drs. Claude Laberge and Didier Lafour at Laval – in cooperation with their colleagues at the Universities of Montreal and Sherbrooke – the programme entails the collection of blood and urine samples from newborn infants in the province to test for inborn errors of metabolism. This programme is partly based on screening procedures worked out by Scriver and his colleagues; and its feasibility was demonstrated by a pilot study, in which Clow played a leading role, of forty thousand newborn children.

The network is currently operated by Quebec's four medical schools on behalf of the provincial Ministry of Social Affairs. As Scriver points out, "The whole operation is the result of a happy interaction between McGill and three other Quebec universities, with francophones and anglophones working together without any great fuss." Samples are screened initially at Sherbrooke and Laval, and the other branches of the network engage in follow-up diagnoses. But the range of the programme goes far beyond screening and diagnosing inherited medical problems; it also provides a comprehensive basis for treating the victims of genetic sickness and counselling their families. "We're operating the first system in the world that goes systematically from the screening laboratory to the family," Scriver explains. "What we're really talking about here is a new type of family medicine with a continuity that could go through generations."

Much of the follow-up treatment (including further blood sampling and provision of special diets) is provided in the home by Clow and her co-worker, Terry Reade, operating from the Montreal Children's Hospital. "Our patients and their families also have our home telephone numbers," adds Clow. "So we're providing a service twenty-four hours a day."

A vital resource in the treatment of children suffering from genetic disorders is offered by the National Food Distribution Centre for the Management of Hereditary Metabolic Diseases, colloquially known as



Vivian Kellner

Carol Clow and Charles Scriver lead the weekly seminar on medical genetics at the Montreal Children's Hospital.

"the food bank." "This operation literally started under my desk before it was picked up at the provincial and federal levels," Clow recalls. It developed in order to fill a pressing need: the provision of special diets for patients with hereditary metabolic disorders. McGill governor, Arnold Steinberg, BCom'54, played a crucial role in setting up the programme, Scriver points out. He provided space for the non-profit distribution centre in Montreal and organised a part-time staff who undertake the importation of the food products and their dispatch to regional centres across Canada.

The combination of newborn screening and appropriate dietary treatment has produced some stunning medical successes. Inherited diseases such as phenylketonuria (PKU), which once doomed its victims to a life of severe mental retardation, are readily identified by screening and effectively treated with a special diet. In fact the beneficiaries of the phenylketonuria programme are now leading happy, healthy lives. "One of them comes to talk to first-year medical students," Scriver reveals. "She has an I.Q. of 130 and speaks three languages. Another is a chorister able to read Bach's music and sing in performances of the *St. Matthew's Passion.*"

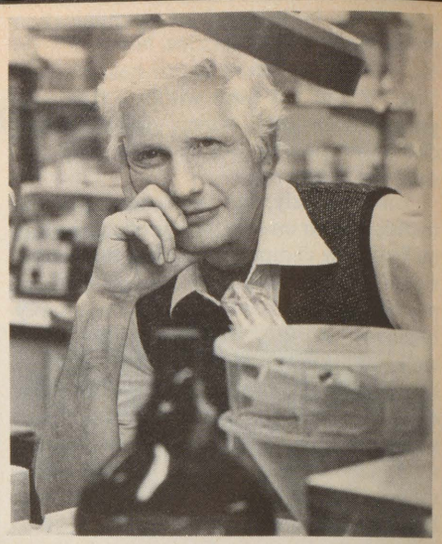
As well as diagnosing and treating newborn infants with inherited ailments, Scriver and Clow are also concerned with preventing the passing-on of genetic sickness to future generations. This component of genetic medicine – screening for mutant gene carriers – was initiated by Scriver and Clow in communities with a high incidence of Tay-Sachs disease, a neurological malady afflicting Ashkenazic Jews and some rural Quebecers that results in death before the age of three or four for all children born with it. Couples were invited to participate in the programme; but the response was disappointing. "We were reaching only about ten percent of those in the high risk category," Clow explains.

For that reason, the programme was taken into Montreal's high schools. After a successful pilot project, the Protestant School Board of Greater Montreal agreed in 1977 to allow genetic screening in schools with a large number of Jewish students. Here the participation rate has been high, around seventy-five percent, and perhaps just as importantly, the participating students have displayed a maturity about the delicate issues of human genetics that has silenced many of the early detractors of the programme. "We were accused of fracturing fragile adolescent egos," Clow recalls. "But, in fact, we found that high school students can generally handle the whole question a lot better than many older people."

Clow and her colleagues scrupulously ensure that the students are fully informed about the programme in which they are participating. Before any blood samples are taken, the screening team organises an information seminar in the schools to explain the genetic character of Tay-Sachs disease. Consequently, there is a useful pedagogical side-effect to the screening procedure: students acquire a deeper understanding of human biology – a subject about which they are usually curious (perhaps because of sensationalised media coverage of genetic engineering), but often woefully ignorant.

Following the success of Tay-Sachs screening, the medical genetics group has started a similar programme in Montreal's Catholic high schools to locate carriers of B-Thalassemia – a form of anemia afflicting Italian, Greek, and Asian communities, that even with modern treatment is usually fatal before, or in, the third decade of life.

Once the bearers of the recessive genes that give rise to Tay-Sachs and B-Thalassemia are identified, they are counselled about their genetic status and options for parenthood. They are reassured that they are not themselves "diseased" ("We're all carriers of something inherited," Clow points out), and that with the assistance of modern medical technology, the chances are good that they will have healthy children of their own. Under Mendel's iron law of genetics, both parents must be carriers to produce afflicted offspring; and their chances of so doing are fixed at twenty-five percent for each pregnancy.



Vivian Kellner

In the past, many couples who knew, or simply suspected, that they were carriers of Tay-Sachs or B-Thalassemia refrained from having families, rather than indulge in a genetic variation of Russian roulette. But now modern methods of fetal diagnosis, resulting from the laboratory work of the McGill team, can detect the presence of Tay-Sachs and B-Thalassemia in the fetus. For most couples, the procedure assures them that their child is healthy, with the chances of this outcome being three to one in their favour. In those cases where disease is diagnosed, mothers almost invariably accept the termination of the pregnancy, whatever their cultural or religious background.

Scriver concedes that abortion is "an unpleasant option"; but he points out that far more children are born rather than aborted because of genetic counselling and pre-natal testing. "Genetic counselling and pre-natal testing are options for life," he says, "even though they are coupled with the possibility of abortion." His views are supported by statistics that show an impressive increase in birthrates in high-risk communities where screening and pre-natal testing have been introduced.

Scriver and Clow are hopeful that the successful outcome of their endeavours will further expand the scope and quality of genetic medicine and the laboratory research that underpins it. They are encouraged by the positive response of governments at the provincial and federal levels and, above all, by the continued support of McGill for the kind of innovative medical research where results are not readily predictable. "The Montreal Children's Hospital and McGill have allowed people seeking different explanations and approaches to do things that have nothing to do with orthodox practices," Scriver comments. Judging from the impact of his work and that of his colleagues, the gamble has proved well worth the taking. □

McGill's Medical Research Council Group in Medical Genetics

The activity of Scriver and Clow is just one aspect of the research and public service conducted by McGill's MRC Group in Medical Genetics. Because of its valuable work, the group has recently received a renewal of its MRC grant, worth $4 million over the next five years. Besides Scriver, its principal researchers are:

- Leonard Pinsky, BSc'56, MD'60, co-director of the group and also director of McGill's interdisciplinary Centre for Human Genetics, set up to train graduate students and offer courses to various departments in the university. Pinsky's own research examines the responsiveness of human cells to the sex hormones secreted by the body.
- Peter Hechtman, BSc'63, PhD'70. His work is chiefly concerned with a group of ailments, known as storage diseases, marked by the abnormal accumulation of chemicals in body tissues.
- David Rosenblatt, BSc'68, MD'70. He is examining the body's mechanism for handling two vitamins, folic acid and B12, long recognised as important nutrients and now implicated in several genetic disorders characterised by mental retardation or anemia.
- Harriet S. Tenenhouse, BSc'61, MSc'63, PhD'72. She has focused her research on the biochemical control and cellular expression of Vitamin D.

Chaim Shatan: Helping Vietnam veterans to help themselves

by Charlotte Hussey

In November 1982, a much misunderstood group of men got a long overdue homecoming with the dedication of the first Vietnam veterans war memorial in Washington, D.C. Although many civilians had rejected or quickly forgotten those who had served in this most unpopular war, others like New York psychiatrist Chaim Shatan, BSc'45, MD'47, were more sympathetic. Working with Vietnam combat survivors since 1970, Shatan talked to the McGill News *about the Vietnam veterans' self-help movement and about the "Post-Vietnam Syndrome" – a psychological disorder that still afflicts some 1.5 million veterans today.*



Sporting a Vietnam Veterans Against the War button, Dr. Chaim Shatan explains that he was one of the first psychiatrists to work for this self-help group.

John Goddard

For one nightmarish year, an American soldier tore up and down Highway One in South Vietnam with his cold, sweaty hands gripping the wheel of a U.S. military supply truck. High on adrenaline in anticipation of an ambush and ever alert to the constant dangers of exploding landmines and booby traps, he drove "like a bat out of hell." He could never explain the terror and pain he felt that year to his family and friends when he resumed civilian life. Instead, he tried to forget. But one day, seven years after returning from South east Asia, while driving a truck for a Western copper company, he looked into his rear-view mirror. Suddenly he saw on one half of its dusty surface a reflection of the mining company's dirt road and on the other, Highway One in Vietnam.

Unable thereafter to dispel this split image no matter what he did, he had to exercise an iron self control in order to avert disaster. And night after night, he returned home drenched in sweat and totally exhausted.

This truck driver came to see Dr. Chaim Shatan with his lawyer. According to Shatan, he was "one of the first Vietnam veterans who successfully got the American Veterans Administration to rule that what he was suffering from was an outcome of his military experience and that he was entitled to compensation for psychological disability." Before his test case, a person had to develop symptoms not later than two years after his military discharge if his claim was to be heard. Yet, as Shatan explains, it can take anywhere from nine to thirty-six months, or more, for the initial euphoria of surviving a war to wear off. Some World War II veterans took over twenty years to show debilitating psychological symptoms.

Of course, not all those who saw active combat in Vietnam suffer from what was called "shell shock" in World War I or "battle fatigue" in World II. According to a recent, New York City-based Center for Policy Research poll of 1,380 vets, one third of all combat survivors experience what is today called "Post-Vietnam Syndrome." Shatan believes that the 1.5 million American men currently afflicted by one or more of its symptoms often experience guilt, rage, violence, grief, and impulsiveness along with feelings of being scapegoated. Veterans also have problems at the work-place and in intimate relationships, and tend towards hyperactivity, startled reactions, intrusive fears, and flashbacks. "Such syndromes and symptoms," says Shatan, "obviously represent a peacetime persistence of the wartime personality."

The copper mine truck driver, for example, is a man torn between catastrophic and daily reality. While driving along an American backroad, he experiences a flashback or incursion of his violent past into the quiet present. He consequently steels himself against a Viet Cong ambush that could come out of nowhere, last only fifteen seconds, and surround him with carnage and death.



U.S. Department of Defense

Today many men and women veterans still suffer from overwhelming feelings of grief and mourning for those who died in their place.

In a recent address delivered at the Coatesville V.A. Medical Center in Pennsylvania, Shatan explained further: "In counter-insurgency warfare or in a death camp, a person had a chance to live only by so distorting his ego that he could make the new, deadly reality his own....The individual adopts the paranoid stance and survival mentality of combat. Styles of action, affect, and cognition are transformed. Even when the stress ends, a return to the status quo is unlikely."

Shatan first began psychiatric treatment with combat survivors after his 1947 graduation from McGill's medical school when he started working with World War II veterans at Queen Mary Veterans' Hospital in Montreal. "I worked with them for two years," he says. "And I felt an intense camaraderie and empathy with them. They were people who had been through a lot. I remember there was one Royal Canadian Air Force vet who'd taken part in the successful bombing of a German submarine in the English Channel. The RCAF men were going to allow the remaining German sailors swimming in the water to be rescued by an approaching German ship. Then orders came from higher up to prevent this rescue. And what happened to this man? By the time I saw him it was already four years after the war. He suffered periodic flashbacks – vivid, intrusive, shattering recollections of the forbidden rescue."

Years later, in 1970, while working as a clinic co-director of New York University's post-doctoral psychoanalytic training programme, Shatan attended a university mass meeting entitled "My Lai and Kent State." He recalls: "A number of Vietnam veterans attending the meeting approached us afterwards, and a lot of them were 'hurting' as they put it. But they either didn't want to go to the Veterans Administration for help, or they were ineligible." Shatan and some of his colleagues agreed to treat them at the New York University clinic, but the traditional psychoanalytic approach proved ineffective.

"Veterans needed to feel they could control their own lives," says Shatan, "and not continue to obey passively other people's orders."

"They needed something that would take place on their own turf, where they were in charge," says Shatan. "They needed to feel that they could take action to control their own lives and not continue to obey passively other people's orders as they had to do in the service." For this reason, members of the Vietnam Veterans Against the War (VVAW) started their own "rap groups," in order to provide mutual support among themselves without any hierarchical interference. At their invitation, Shatan enlisted some forty volunteer psychiatrists, psychologists, and other therapists to attend these self-help sessions in an old downtown office building, where participants sat on orange crates, radiators, or the bare floor. Any professional wishing to take part effectively had to "deprofessionalise" himself. "You had to drop your attitude of being an authority, because you were not the authority," says Shatan. "Whatever you knew, you didn't know what they'd been through – an experience that was painful almost beyond human expression."

Group therapy, "the talking cure," and in some cases even hypnosis, have been used successfully in the treatment of Vietnam veterans; but the vets also needed to demonstrate that they could "change the system" that they felt had victimised them for so long. To this end, they set up free medical services in poverty areas (such as the Martin Luther King, Jr., Memorial Clinic in Bogue Chitto, Alabama); launched programmes to cure drug and alcohol abuse; and coordinated prison visits and legal assistance for incarcerated vets. Shatan and his colleagues supported and joined in many of these social action programmes.

By 1974, Shatan was devoting much of his time to lecturing at many of the seventeen hundred "rap groups" that had sprung up across the United States. He also participated in establishing the Vietnam National Resource Project, a central steering committee that coordinated these groups. But it was not until 1979 that a lobby of veterans' organisations won a mandate for the Veterans Administration to fund Operation Outreach. This organisation's over one hundred outreach centres – providing psychological therapy for Vietnam vets – function with full professional autonomy. Over fifty thousand people were seen during their first year of operation. Fifty percent of those on the treatment teams are vets; and Shatan has served both on the medical faculty and as a consultant to this self-help success story.

The eleven year long Vietnam War, which left 57,939 known American dead or missing and some 300,000 wounded, was according to Shatan one of the most depersonalised and humanly alienating wars that has ever been fought. It was an electronic, computerised, counter-guerrilla war that placed a supreme value on mechanisation at great cost to human morale and life. In the First and Second World Wars, men, often from the same village or city, fought in "units." Even in the Korean War, says Shatan, the United States followed a procedure called the "buddy system," in which two soldiers were paired up in basic training, helped each other through the war, and if lucky, returned home together. But with the Vietnam "rotation system," people never stayed together.

"They were treated as atomised, isolated units sent back and forth by computer, as if they were balls flipped around by the flippers of a pinball machine," says Shatan. Disoriented from the start by a rapid, forty-eight

hour flight to Asia on a plane filled with strangers, they landed in Saigon where a computer assigned them a job in Khe Sanh, Dalat or Hué. After hitchhiking rides on various aircraft, they arrived at their destination to be greeted as an "FNG – a f---ing new guy, an unknown quantity coming in."

If they survived to return home on the "freedom bird," they had to face the ambivalence of their countrymen to the war and themselves. Many returning vets packed a handgun for protection against college students. Debarking in Seattle or San Francisco, they found no homecoming parades or welcoming speeches. *They got off alone.* "And lots of them," says Shatan, "got called baby burners or were spat at for losing the war by older men in ten-gallon hats."

Many "gung-ho" Americans could not face the fact that the Vietnam War was turning into a David and Goliath story and that a "little" people who wrote poetry, dressed in black pyjamas, and carried Russian rifles were beating the most technologically advanced army in the world. It seemed to threaten the very notion of an American masculinity.

According to Shatan, a lecture theme most often requested by veterans' groups is the masculine mystique. "One of the ways my work with Vietnam veterans has changed me," he explains, "is that it has reawakened my interest in notions of manhood – in what the veterans call the John Wayne image. I heard it described best by one vet who said, 'You know that's when you're leaving, you kiss your horse good-bye, but wave goodbye to your woman.' "

In a monograph entitled "Bogus Manhood, Bogus Honor," for which he was awarded the First Annual Holocaust Memorial Award from the New York Society of Clinical Psychologists in 1974, Shatan writes: "Basic combat training has been part of the late adolescence of millions of American males for a third of a century." In this training, soldiers are encouraged to transform such anti-martial sentiments as grief, intimacy, and especially tenderness towards women, into vengefulness. The explanation is that one cannot maintain survival alertness or be aggressive in battle if one becomes too self-indulgent. But, says Shatan, the denial of these softer feelings can lead to another primary symptom of the Post-Vietnam Syndrome. Alongside the hyper-alertness cultivated for combat survival is a state of unconsummated mourning for those who have died in one's place.

Tragically, unless soldiers, or any human beings, can relieve themselves of this "impacted grief," it may become a highly destructive force. Shatan points to the My Lai massacre of over two hundred civilian Vietnamese (for which Lieutenant William Calley was court-martialled) as an example of men transforming potentially overwhelming feelings of grief and mourning into vengeance.

"The last straw before the My Lai massacre," says Shatan, "was that Sergeant Cox, a gentle person beloved by Calley's company because he was like a father and mother to them, was killed by a booby trap. Captain Medina, Lieutenant Calley's superior, gave a memorial eulogy for Cox at a campfire service and gradually turned his talk towards thoughts of reprisal. 'Let's get those who caused us this pain, who caused us this grief, who tore away from us this man we loved so much,' the captain inferred." And so the My Lai atrocities!

When asked if there is any cure for the impacted grief experienced by returned vets, Shatan emphasises the importance of "rapping" as an intact group, of telling and retelling those war stories again and again. "Although it's very difficult, ultimately through the pain, veterans are able to express a fuller range of feelings." But, he is quick to add: "I think the hardest job of all is the job of liberating men." □



The Vietnam veterans got their first "homecoming" in November 1982 when thousands of them converged on Washington, D.C., to dedicate America's first Vietnam War memorial. Here many gathered to find the names of their comrades among the 57,939 known dead listed on this monument.

WHERE THEY ARE AND WHAT THEY'RE DOING

'04
REV. J. URE STEWART, BA'04, recently celebrated his 100th birthday at his home in Seaforth, Ont.

'27
LEON EDEL, BA'27, MA'28, DLitt'63, has been awarded an honorary doctor of literature degree by the University of Saskatchewan.

'28
LAWRENCE LANDE, BA'28, DLitt'69, the benefactor of McGill's Lande collection of Canadiana, has recently published a biography of John Law, the eighteenth-century Scottish economist.

'29
WILLIAM J. BAXTER, MD'29, is still practising family medicine in St. John, N.B., at age seventy-seven.

'32
CARL GOLDENBERG, BA'28, MA'29, BCL'32, LLD'66, otherwise known as "Mr. Royal Commission," has retired from the Canadian Senate at age seventy-five and has resumed a five-day work week at his Montreal law office.

'36
GEORGE RALPH GIRVAN, MD'36, of London, Ont., has been honoured with life membership in the Ontario Medical Assoc.

'39
THOMAS M. MacINTYRE, BScAgr'39, MSc'41, a native of Big Pond, N.S., has been named a Fellow of the Agricultural Institute of Canada.

'40
O.A. BATTISTA, BSc'40, has just received his seventy-first U.S. patent for his invention of disposable soft contact lenses.

WILLIAM BOGGS, BEng'40, is president of Canada Systems Group and chairman of the Canadian Manufacturers Assoc.

ERNEST AYLMER HUNT, MD'40, of Port Hope, Ont., has been honoured with life membership in the Ontario Medical Assoc.

DR. EUGENE G. MUNROE, BSc'40, MSc'41, of Dunrobin, Ont., has received the Entomological Society of Canada's Gold Medal for his research on butterflies.

DR. WALDEMAR E. SACKSTON, MScAgr'40, professor of plant pathology at Macdonald College, has received the V.S. Pustovoit Award, the highest honour of the International Sunflower Assoc., in recognition of his contributions to research on sunflowers.

LEA C. STEEVES, MD'40, DipInt Med'47, has retired as associate dean, postgraduate medical education, in the Faculty of Medicine, Dalhousie University, Halifax, N.S.

'41
WILLIAM H. GAUVIN, BEng'41, MEng'42, PhD'45, has been designated an Honorary Fellow of the Chemical Institute of Canada.

DR. ERNIE KERR, MSc'41, recently retired from the Simcoe Horticultural Experiment Station, in Ont., where he developed more than fifty varieties of tomatoes and sweet corn.

LOUIS SIMINOVITCH, BSc'41, PhD'44, has been appointed director of the soon-to-be expanded research institute of Mount Sinai Hospital in Toronto, Ont.

'42
FRANK FOWLER, BEng'42, is the new chairman of the Sanatorium Board of Manitoba.

THOMAS MORROW LOCKWOOD, BA'38, MD'42, of Mississauga, Ont., has been honoured with life membership in the Ontario Medical Assoc.

JEAN FRANCES WEBB, MD'42, of Toronto, Ont., has been honoured with life membership in the Ontario Medical Assoc.

'43
W. JOHN BUTT, BA'43, is retiring after sixteen years of service as an administrator at the Janeway Child Health Centre in St. John's, Nfld.

EDWARD D. JOSEPH, BSc'42, MD'43, of New York, N.Y., has assumed the office of president-elect of the American Psychoanalytic Assoc.

'44
GERALD GORDON HATCH, BEng'44, is president of Hatch Assocs., of Toronto, Ont., which recently won the annual Schreyer Award for Consulting Engineers for its work on an iron- and steel-making facility in Trinidad.

'45
MORRIS MILLER, BCom'45, is Canada's new executive director for the World Bank, in Washington, D.C.

BLANCHE LEMCO van GINKEL, BArch'45, dean of architecture and landscaping architecture at the University of Toronto, Ont., recently was programme chairman of the 4th International Conference of Urban Design held in Toronto, Ont.

'47
DOUGLAS J. FOLLETT, BEng'47, has been named president and operating officer of Metro Canada Ltd., a subsidiary company of Urban Transportation Development Corp. Ltd.

OTTO L. FORCHHEIMER, BSc'47, vice-president of marketing and technical for the J.E. Baker Co., York, Pa., was named a 1982 recipient of the Award of Merit by ASTM, the internationally-recognised standards-writing organisation.

HELEN K. MUSSALLEM, BN'47, who recently was cited by Britain's Royal College of Nursing as "Canada's most distinguished nurse in her time and generation," has also been invested as a Dame of Grace in the Order of the Hospital of St. John of Jerusalem by Governor-General Edward Schreyer in an Ottawa, Ont., ceremony.

'48
RODRIGUE BILODEAU, BEng'48, is chief executive officer of Honeywell Inc.

DR. GEORGE FREDERICK KIPKIE, MSc'48, of Pembroke, Ont., has been honoured with life membership in the Ontario Medical Assoc.

WELSFORD G. PHILLIPS, BSW'48, has been appointed the first Chief Judge of the Family Court of Nova Scotia, and lives in New Glasgow.

ALLAN C. RAE, BEng'48, has been appointed to the position of general manager, marketing for Eastern Canada, in Petro-Canada's Montreal office.

REV. WAYNE SMITH, BA'48, has been installed as moderator of the Presbyterian Church in Canada, headquartered in Toronto, Ont.

HOWARD E. WHITING, BCom'48, has been appointed vice-president, marketing, of VIA Rail Canada Inc., in Montreal.

'49
J. MURRAY ELLIOT, BScAgr'49, an animal scientist at Cornell University, N.Y., received the annual Teaching Award in Dairy Production from the American Dairy Science Assoc.

HORST ROTHFELS, BScPE'49, MEd'70, assistant director-general of the South Shore Protestant Regional School Board in Quebec, has been admitted as a fellow of the Canadian College of Teachers in recognition of his outstanding contribution to education in Canada.

ANDREW H. SPEIRS, BEng'49, has been appointed general manager of the Canadian Society for Chemical Engineering.

'50

J. EWEN CAMPBELL, BScAgr'50, MSc'61, has been appointed potato specialist with Prince Edward Island's agriculture department, in Charlottetown.

TIM CREERY, BA'50, one of Canada's top newsmen, and a resident of Montreal, has recently finished a research report for the federal department of communications on trends and issues in the media.

FREEMAN L. McEWEN, BScAgr'50, has been named dean of the Ontario Agricultural College at the University of Guelph.

WALTER M. McLEISH, BEng'50, is retiring as administrator of the Canadian Transportation Administration, in Ottawa, Ont.

JOHN A. NEAL, BSc'50, has been named president of Janson Chemicals Ltd., a new company founded by him in Calgary, Alta.

DR. JOHN H. WALSH, BEng'50, MEng'51, currently director-general, Coal for Energy, Mines and Resources, Canada, gave the annual Imperial Lecture at the University of Western Ontario's School of Business Administration, in London, on the subject, "Thinking about Coal."

'52

J. PEARCE BUNTING, BCom'52, president and chief executive officer of the Toronto Stock Exchange, has been elected president of the International Federation of Stock Exchanges at their meeting in Montreux, Switzerland.

LOU EDDY, BA'52, a lawyer from Sarnia, Ont., has been appointed a provincial judge.

CHRISTOPHER HAMPSON, BEng'52, is senior vice-president of C-I-L Inc., in Toronto, Ont.

'53

MARC BALTZAN, BSc'49, MD'53, of Saskatoon, Sask., has been elected president of the Canadian Medical Assoc.

COLIN CAMPBELL, MD'53, has accepted an appointment as provost and dean of the Northeastern Ohio Universities College of Medicine in Rootstown, Oh.

REV. ROBERT C. MALCOLM, BSc'53, is now associate pastor at the Grace Memorial Baptist Church in Fredericton, N.B.

How to get the McGill News

This is a special issue of the *McGill News*. For the first time since 1980 the magazine is being sent to all McGill alumni for whom we have addresses. Two years ago, budget cuts forced us to limit circulation to graduates in the first two years following their graduation, and to other graduates and friends of the university who make annual contributions to McGill. After this issue we return to that policy. Only by making an annual donation to the Alma Mater Fund will you ensure that you receive the *McGill News* on a regular basis.

Donation cheques should be made payable to The Martlet Foundation (or, from the U.S.A., to The Friends of McGill Inc.) and sent to 3605 Mountain Street, Montreal, Que., H3G 2M1.

'54

DONALD ARMSTRONG, PhD'54, a professor in McGill's Faculty of Management, has published a book entitled *Competition versus Monopoly*, which criticises The economic theories upon which Canada's Combines Investigation Act is soon to be amended.

'56

MARION FISHER, BLS'56, has retired from her full-time position at the Belleville Public Library, in Ontario.

DOUGLAS P. SEXSMITH, BEng'56, has been appointed president and chief executive officer of Kostuch Engineering Ltd., in Brockville, Ont.

'57

JOHN BARTON, BD'57, has been appointed director of World Mission at the Anglican Church's Toronto, Ont., headquarters.

JEAN GAUVIN, BEng'57, former president of Lavalin Hydrogéo Canada, has taken up the post of project manager at the United Nations in New York, N.Y.

DAVID SILVERBERG, BA'57, a member of Mount Allison University's fine arts department, recently flew to Japan to open a one-man show of fifty-five of his engravings at the Riichi Gallery in Osaka.

'58

L. YVES FORTIER, BCL'58, a partner in the Montreal law firm of Oglivy, Renault, is the new president of the Canadian Bar Assoc.

ROSEMARY LYDON, BA'58, BLS'61, MLS'71, has been appointed chief librarian of Westmount Public Library, in Quebec.

'59

DAVID COPP, BScPE'59, has been named director of athletics at the University of Guelph, Ont.

WILLIAM S. HODGES, BEng'59, has been appointed president of Godfrey Howden Inc., a Montreal firm that manufactures air blowers, vacuum pumps, and machined parts.

ANDRE PAQUETTE, BSc'59, Dip Man'71, MEd'77, has been named director-general of the Baldwin-Cartier School Commission in the West Island of Mtl.

RON TANAKA, BEng'59, has been appointed vice-president of Pitts Engineering Construction, a Banister Continental Ltd. Co., and will continue to act as liaison with civil construction projects in eastern Canada.

'60

FRANK MACZKO, BCom'60, has been appointed secretary of the Law Society of British Columbia.

'61

GEORGE R. KUBANEK, BEng'61, PhD'66, head of the process engineering division at the Noranda Research Centre in Montreal, has been elected as treasurer of the Canadian Society for Chemical Engineering.

CAMERAN MIRZA, BScAgr'61, currently manager for geotechnical services at Warnock Hersey Professional Services Ltd., in Mississauga, Ont., is the 1982-83 honorary treasurer of the Canadian Society for Civil Engineering.

JOHN H. SIMONS, BEng'61, MEng'63,

DipMan'74 MBA'77, has been named executive vice-president, electronics group, of Canadian Marconi Co., in Montreal.

'62

MICHAEL O. ALEXANDER, BCom'62, has been appointed an executive partner, professional services and resource development, for Touche Ross International, in New York, N.Y.

ISADORE HOROWITZ, BSc'60, MD'62, MSc'71, has been appointed director, scientific affairs, of the drug manufacturers, Abbott Canada.

MOHAMMAD ANWAR KHAN, PhD'62, is director, Area Study Centre, at the University of Peshawar, Pakistan.

JOHN R. WEARING, BEng'62, was recently appointed manager, corporate development, for Monsanto Canada Inc., in Mississauga, Ont.

'63

CHRISTOPHER D. HYDE, BA'63, has been appointed vice-president, marketing, of Crédit Foncier, in Montreal.

DAVID M. MacKAY, PhD'63, professor of chemical engineering and director of the Centre for Energy Studies at the Technical University of Nova Scotia, in Halifax, has been elected president of the Canadian Society for Chemical Engineering.

MICHAEL RENNERT, BSc'61, DDS'63, was elected president of the Northeastern Society of Orthodontists at its annual meeting held in Montreal in November.

'64

DR. HELEN NISKALA, BN'64, has accepted a position as associate professor in the School of Nursing, University of British Columbia, Vancouver.

JOE OLIVER, BA'61, BCL'64, is now senior vice-president in charge of government and corporate finance at Nesbitt, Thomson, Bongard, Inc.

JOHN ROTH, BEng'64, MEng'66, has been appointed president of Bell Northern Research Ltd., in Ottawa, Ont.

ROBERT SILVERMAN, LMus'60, BMus'64, performed as a piano soloist with the Leningrad Philharmonic Orchestra during his recent tour of Eastern Europe.

MIKE WALLACE, BA'64, MA'65, a political science professor at the University of British Columbia, has been selected as the first winner of the Karl W. Deutsch Award in Peace Research by the World Academy of Art and Science and the Peace Science Society.

JACK H. WILSON, BSc'64, has been appointed vice-president, marketing and sales, for Fairmount Chemical Co., Inc., in Newark, N.J.

'65

R. NEIL BENSON, BCom'65, has been appointed vice-president, corporate banking, of Midland Bank Canada, in Toronto, Ont.

BETTE DAWN (PATTERSON) BROWN, BN'65, of St. John, N.B., has been granted an Honorary Fellowship in the American Biographical Society and appointed a member of the National Board of the American Biographical Institute.

W.E. FEARN, BCom'65, has been appointed senior vice-president, finance and administration, with Kidd Creek Mines Ltd., in Toronto, Ont.

GEORGE C. SABA, BA'65, MA'67, has been appointed chief economist at Montreal Trust.

'66

JAMES A. HONE, BCom'66, is now assistant treasurer, international finance, with United Technologies Corp., in Hartford, Conn.

PETER R. LACK, BA'62, BCL'66, has joined the Montreal law firm of Lebovics and Cytrynbaum.

REEVIN VINETSKY, BSc'66, formerly a psychologist, now operates Warm Corners Sheepskin in Lanark, Ont., with an outlet in Ottawa's Byward Market.

'67

DOUG McDOUGALL, BA'67, has been appointed commercial vice-president of Zymaize Co., in London, Ont.

'68

ALAIN J. BROSSEAU, BEng'68, has been appointed assistant vice-president in the Montreal laboratories of Bell Northern Research Ltd.

MARTIN KEVAN, BCom'68, has written an historical novel entitled *Racing Tides*, about life in the seventeenth-century New World colony of Port Royal.

DR. VICTOR RABINOVITCH, BA'68, has been appointed assistant deputy minister, Fisheries Economic Development and Marketing, in the federal Department of Fisheries and Oceans, Ottawa, Ont.

GERALD ROITER, BCom'65, BCL'68, is director of Quebec's public works and supply and services department, in Quebec City.

'69

RICHARD CICCIU, BSc'69, DipMan'79, MBA'81, has been appointed product manager, marketing services, of ICN Canada Ltd.

RONALD J. MARKEY, DDS'69, of Richmond, has been elected president of the College of Dental Surgeons of British Columbia for 1982-83.

'70

MARILYN BLUMER, BA'70, has a Toronto-based fashion company that produces high-fashion garments of woven fur.

'71

MARK FIRTH, MSc'71, has been appointed manager of engineering services of the metallurgical division of Hardy Assocs., in Edmonton, Alta.

'72

VIJAY BABLAD, DDS'72, is working as a dentist in Dammam, Saudi Arabia.

BRUCE FIRESTONE, BEng'72, is president of Istari Electronics and Terrace Investments Ltd., a company based in Ottawa, Ont., that manufactures electronic toys and develops commercial property.

ROBERT O. FISHER, BA'72, is the president and chief operating officer of Ocelot Industries Ltd., a large Calgary, Alta., oil company.

NAOMI C. TUCKER, BA'72, has been elected corporate secretary of Lummus Canada Inc., in Toronto, Ont.

'74

PIERRE L. BARIBEAU, BCL'74, has joined the Montreal law firm of Lavery, O'Brien.

SONIA GHAZAL, MSW'74, is communications officer for the Ville Marie Social Service Centre, in Montreal.

LOUIS A. LECLERC, BCL'74, has joined the Montreal law firm of Lavery, O'Brien.

'75

ROGER N. BUCKLEY, PhD'75, professor of history at the University of Hartford, West Hartford, Conn., has been awarded a $52,000 National Endowment for the Humanities grant to complete his work on a two-volume history of the French Revolutionary and Napoleonic Wars in the West Indies.

DENIS L. GASPE, BEng'75, has been appointed superintendent, mining operations, of Fording Coal Ltd.'s metallurgical coal mines in Elkford, B.C.

DR. MARY GICK, BSc'75, has been appointed visiting professor of psychology at Wittenberg University, Springfield, Oh.

OLGA MALYSHKO, BMus'75, LMus'82, is pursuing doctoral studies in medieval music at the Bodleian Library, Oxford University, England.

'76

FRANK CIAMPINI, BCL'76, has opened a law office in LaSalle, Que.

DONALD A. TROTTER, MEng'76, has been appointed as manager, research and support services, of the Mines Accident Prevention Assoc., Ontario.

CHARLES A. WOODS, BSc'71, DDS'76, of Mississauga, Ont., was recently inducted into the American Assoc. of Orthodontists at the annual meeting of the Great Lakes Society of Orthodontists held in Cleveland, Oh.

'77

ROSANNA (BERARDINUCCI) DESJARDINS, BA'77, is a supervisor in the salaried personnel administration of General Motors Canada, in Ste. Thérèse, Que.

ANNE (RANKIN) MEEHAN, BA'77, has been awarded an Alberta Heritage Scholarship and is now studying medicine at the University of Alberta, in Edmonton.

DAVID M. REHFIELD, PhD'77, has been appointed assistant professor of physics at Lafayette College, Easton, Pa.

'78

ESTHER DOUGLAS, PhD'78, a member of the department of agricultural engineering at Macdonald College, is currently director of manpower and employment of the Canadian Society for Chemical Engineering.

SUSAN (HAGGAR) McGRAIL, BSW'78, is working at the Clarke Institute of Psychiatry in Toronto, Ont., and has recently completed a study of the effect of incest on its victims.

'79

LUCILE BRAIS, BMus'79, a Montreal harpist, has recently produced her first solo album, entitled "Lucile Brais."

HENRY COOPERSMITH, BSc'72, BCL'75, MD'79, has been appointed director of professional services of the Jewish Convalescent Hospital, in Laval, Que.

MIKE GAVIN, BA'79, has joined the staff of the *Bracebridge Examiner,* in Ontario, as a reporter/photographer.

FRANK HORN, LLB'79, a Mohawk Indian and a crusader for native American rights, has taken over the law firm of Lorne Lambier in Hamilton, Ont.

DR. FRANCINE LORTIE, MSc'79, is assistant vice-president, professional services, at the Ottawa General Hospital, Ont.

PAUL D. McDOUGALL, BSc'74, DDS'79, of Victoria, B.C., was inducted into active membership in the American Assoc. of Orthodontists at the forty-sixth annual meeting of the Pacific Coast Society of Orthodontists, in Phoenix, Ariz.

DAVID POULIN, MD'79, is practising family medicine in Kapuskasing, Ont.

PAUL SENECAL, BCom'79, is working in the brand/advertising department of Bristol-Myers Products Canada, Toronto, Ont.

CHARLINE ANNE SHEPARD, BCom'79, has been elected financial officer with the Mercantile National Bank in Dallas, Tex.

'81

PETER CARVER, LLB'81, has been admitted to the bar of British Columbia.

KATHERINE E. FOX, MBA'81, has been elected an assistant secretary in Manufacturers Hanover Trust's financial controls and marketing department, in New York, N.Y.

CINDY SINCLAIR, BSc'81, has taken a volunteer teaching position in Tanzania with CUSO.

'82

L. ANNETTE PERRY, BSW'82, is now working at the Ministry of Community and Social Services in Cornwall, Ont.

DEATHS

'12

GEORGE ARTHUR STUART RAMSEY, BA'08, MD'12, at Ste. Anne de Bellevue, Que., on Aug. 28, 1982.

'16

ALLAN TURNER BONE, BSc'16, at Montreal, on Oct. 4, 1982.

EDNA (RUSSELL) CLOGHESY, Dip PE'16, at Vancouver, B.C., on July 15, 1982.

F. MYRTLE (TEES) JEFFREY, BA'16, at St. Laurent, Que., on Nov. 13, 1982.

'20

FLORA (MacKINNON) BUNT, BA'20, at Montreal, on Sept. 11, 1982.

RICHARD M. POWER, MD'20, MSc'33, at Montreal, on Sept. 30, 1982.

'21

R.G. DOCKS, DDS'21, on June 13, 1982.

FLOYD C. LANTZ, BSc'21, at Toronto, Ont., on Nov. 8, 1982.

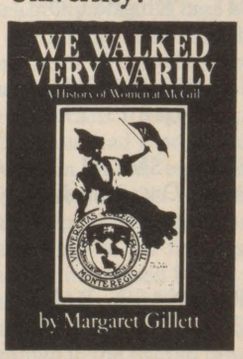
WILLIAM MALAMUD, MD'21, at Boston, Mass., on Sept. 2, 1982.

WE WALKED VERY WARILY

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'22
MARY CHRISTIAN CHARLOTTE CHILDS, BA'15, MD'22, at Montreal, on Nov. 13, 1982.

'23
BENJAMIN ABRAHAM, DDS'23, at Montreal, on Oct. 17, 1982.

HENRY C. BUSSIERE, MD'23, at Toronto, Ont., on Nov. 4, 1982.

MARJORIE JEAN (TAIT) LEDAIN, BA'23, at Pierrefonds, Que., on Oct. 4, 1982.

DAVID J. MUNRO, BSc'23, at Montreal, on Nov. 21, 1982.

'25
HOWARD O'HAGAN, BA'22, LLB'25, on Sept. 18, 1982.

CASPER W. OWEN, BSA'25, at Harrow, Ont., on Feb. 18, 1982.

MARY (ANGLIN) SIMS, DipPE'25, at Vancouver, B.C., on Sept. 26, 1982.

'26
ELIZABETH LEE OSGOOD, BSc'26, on Nov. 25, 1982.

'27
WILLARD B. FRASER, BSc'27, at Montreal, on Oct. 8, 1982.

BEN CHURCH HICKS, BSc'27, at Halifax, N.S., on Nov. 24, 1982.

DR. ALFRED K. SNELGROVE, BSc'27, MSc'28, at Largo, Fla., on Oct. 17, 1982.

'28
WILLIAM MOSLEY, MD'28, at Toronto, Ont., on Oct. 8, 1982.

'29
HERBERT N. CAMPBELL, BSc'29, MSc'30, on Aug. 25, 1981.

'30
BLANCHE G. HERMAN, DipNurs Adm'30, at Halifax, N.S., on Sept. 4, 1982.

LLOYD HAROLD JENKINS, MA'30, at Toronto, Ont., on Sept. 22, 1982.

FREDERICK POLAND, BA'30, at Montreal, on Oct. 26, 1982.

'31
JEROME J. KELLY, MD'31, at New York, N.Y., on Nov. 5, 1982.

'32
COLLIN DUNCAN TAFT CAMERON, BSA'32, MScAgr'36, at Laval-sur-le-lac, Que., on Sept. 15, 1982.

JACK G. STOTHART, BScAgr'32, MSc'36, at Red Deer, Alta., on Aug. 12, 1982.

'33
AYTON LLOYD HOUGH, BEng'33, at Lindsay, Ont., on Sept. 9, 1982.

ABRAHAM OLIVER, DDS'33, at Toronto, Ont., on June 2, 1982.

'34
PAUL E.R. BOVELL, BSA'34, at Burnaby, B.C., on Oct. 16, 1982.

FRANK B. CAMPBELL, BCom'34, CA'35, at London, Ont., on Aug. 26, 1982.

VICTOR L. RICHARDS, MEng'34, at Huntsville, Ont., on Sept. 29, 1982.

'37
ARTHUR ABRAMSON, BSc'34, MD'37, at New York, N.Y., on Nov. 3, 1982.

'37
REUBEN R. LEWIS, BSc'32, MD'37, at Los Angeles, Calif., on Nov. 18, 1982.

ANGUS B. McMORRAN, BA'37, at Ottawa, Ont., on Aug. 27, 1982.

JOHN N. RAMSAY, BEng'37, on May 21, 1982.

'38
JOHN R. AKIN, BA'38, at Halifax, N.S., on Sept. 1, 1982.

'39
DAVID H. HOBBS, BEng'39, at Hamilton, Ont., on Oct. 12, 1982.

'40
LT.-COL. GEORGE O. BROWN, BEng'40, MEng'41, at Kingston, Ont., on Nov. 8, 1982.

J. FRASER MacMILLAN, BA'40, at Edmonton, Alta., on April 13, 1982.

REV. STANLEY A. SMITH, BA'40, MA'42, at Ottawa, Ont., on Nov. 3, 1982.

'44
MONA (PIPER) CHASE, BA'44, at Washington, D.C., on Oct. 26, 1982.

FREDA (STEPHEN) KING, BSc'44, at Belleville, Ont., on June 23, 1982.

'46
EDITH MARY GAYLER, DipNurs'46, at Ste. Agathe des Monts, on Sept. 23, 1982.

J. BRUCE GOODFELLOW, BEng'46, at Burlington, Ont., on Oct. 19, 1982.

'47
SIDNEY SCHACTER, BCom'47, at Surrey, England, on Sept. 10, 1982.

THOMAS BLAIR SEAGRAM, BCom'47, at Kitchener, Ont., on Nov. 12, 1982.

'49
JAMES MacRAE CLOUSTON, BA'49, at Toronto, Ont., on Aug. 17, 1982.

'51
ARCHIBALD FORREST, BA'47, BCL'51, at Pointe Claire, Que., on Nov. 6, 1982.

ANTHONY V. RUGIENIUS, BEng'51, at Ste. Anne de Bellevue, Que., on Oct. 1, 1982.

'52
ROBERT CHARLES LEGGE, BA'49, BCL'52, at Senneville, Que., on Oct. 18, 1982.

DONALD WILLIAM WHENT, BEng'52, at Windsor, Ont., on Sept. 19, 1982.

'55
JANE ANNA (HARDMAN) HUEBER, BA'55, at London, Ont., on Sept. 9, 1982.

'56
PATRICIA ANN (KEE) LISTER, DipPOT'56, at St. John, N.B., on June 13, 1982.

'57
DONALD PHILIP CROSSLEY, BCom'57, at Toronto, Ont., on Nov. 2, 1982.

'59
URIEL MEYER NEUMANN, BCL'59, at Montreal, on Nov. 9, 1982.

'60
DR. DAVID WILLIAM ELLIOTT, BSc'60, at Zurich, Switzerland, on Aug. 31, 1982.

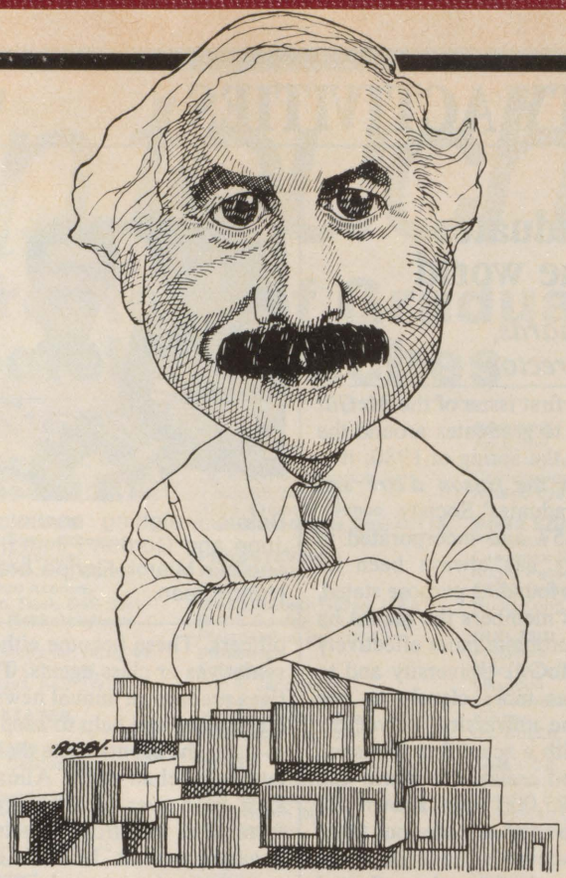
'66
GERALD IRVING CREATCHMAN, BA'66, at Ottawa, Ont., on Sept. 21, 1982.

'71
EVIE IKIDLUAK, BEd'71, at Ottawa, Ont., on Oct. 31, 1982.

'78
JAMES NORMAN BRIDGMAN, BCom'78, in the Cayman Islands, on Oct. 17, 1982. □

FOCUS

Moshe Safdie



David Rosen

Some people publish their student theses. Moshe Safdie, BArch'61, built his. The project, of course, was Habitat, one of Expo'67's lasting monuments to innovation and still among Safdie's most satisfying experiences.

At twenty-six and barely out of McGill, the young architect distilled ideas from his thesis into the design for what would be heralded as the housing event of the 1960s. Stacking pre-cast concrete boxes to form a ragged pyramid on Montreal's tiny Cité du Havre peninsula, he strove to use technological advances without sacrificing aesthetic and especially human values. And he succeeded in creating a spectacular building-block apartment complex that offered its dwellers total soundproofing, private balconies, rooftop gardens, sunlight, and uncluttered harbourside views.

That an unknown, untested architect was able to push his controversial plans through a political obstacle course onto a world's fair site is an achievement that amazed everyone, including Safdie himself. "I look at the odds now," he says, "and they're maybe one to ten thousand that Habitat got built. I don't know how it happened or if I'd be able to do it today, knowing what I know now."

Safdie's revolutionary housing concept is having enduring appeal. "This is not luxury living," one Habitat resident told *Time* a decade ago. "This is the way people should live, surrounded by air, space, sun, and this whole rich visual experience." Today, Safdie takes great pride in the continued popularity of Habitat. "People who live there swear by it," he says, himself a former tenant. "Whatever people want to say about its applicability as a housing model, the most elementary test is those who live there. And they love it."

His belief in a responsive architecture – which to Safdie means giving consideration to "the physical and cultural context" of a potential living space – has set him apart from many of his post-modernist contemporaries. "They feel that the role of service is secondary to that other role of artist," he says. Architects, he maintains, are so busy making personal artistic statements that they neglect the people they are building for. The result is that an "architecture of narcissism" has displaced an "architecture of compassion." "I think that's very bad, very dangerous, and ought to be questioned," he asserts.

Safdie admits to having little patience with fellow architects who suffer from that occupational hazard – egocentricity. It is taken for granted today, he says, that artists are moved by "internal forces" and that their work cannot be questioned. Safdie identifies far more closely with his predecessors of the thirties, forties, and fifties than with many of his contemporaries. In spite of the obvious shortcomings of their work, he says, "The earlier generation saw themselves as social reformers who would transform the world through architecture. It was somewhat naive, but at least they had a social purpose."

Born in 1938 in the Mediterranean city of Haifa, Safdie was exposed at an early age to the philosophies that would govern much of his work. "There was a great sense of community and social purpose," he remembers of the years leading up to and immediately following the creation of the state of Israel. "I also think that growing up where I did had a profound impact on my perception of the environment. Haifa is quite a remarkable city. It is on a bay, climbs up a hill, and has a very close relationship to its topography." He was similarly impressed by the arrangement of dwellings in the hillside villages around Jerusalem, where "each house is clearly identified in the overall fabric of the village and grouped one on top of the other very closely." It is clear that Habitat is a replication of this architectural pattern, removed from its Middle Eastern context.

In 1954 Safdie moved with his family to Montreal and entered McGill to study architecture the following year. He began his teaching career at his alma mater in 1970, the year his book, *Beyond Habitat,* brought him international recognition. "As one looks back, McGill's School of Architecture looks better all the time," he told students this past fall during a lightning visit to McGill to receive an honorary doctor of laws degree. Such praise carries weight from the man who, since 1978, has headed the urban design programme at Harvard's School of Design, and who has also been Davenport Professor of Architecture at Yale and director of the Desert Architecture Programme at Ben Gurion University in Sde Boyer, Israel.

His design work has ranged from the master plans for a new town in Baltimore, Maryland, to housing and community projects in the east Canadian Arctic, in Senegal, and in Australia. He has also found time to participate in films, write film scripts, and publish several best-selling books. Currently he is drafting two books on Jerusalem where he is involved in a major urban project that is proving his greatest challenge. "Unlike in North America where I'm making an environment," he explains, "there I'm designing within the context of a particular historical environment that still has contemporary needs, such as good housing and schools."

Where does Safdie find the time for what amount to several full-time jobs? "I do a lot of my writing and design work in airplanes," he replies. Given that he spends nearly as much time in the air as on the ground, that is not suprising. From his home outside Boston, Safdie flies to Montreal every couple of weeks and to Jerusalem and Singapore every six or seven weeks. That is some schedule. But then Safdie, in the words of one journalist, is "a man with a bubbling, driving energy, and an almost divine-right ambition to improve the world."

Mark Gerson□

SOCIETY ACTIVITIES

Serving McGill graduates around the world

by Gary Richards, Executive Director

As this is the first issue of the *McGill News* to go to graduates around the world since the spring of 1980, it is timely to look at the *raison d'être* and activity of the Graduates' Society.

Formed in 1857 and incorporated in 1880, the society has always been an organisation, as its founding purpose stated, "which affords its members the means by united efforts, to promote more effectively the interests of McGill University and to bind the graduates more closely to one another and to the university." Over the years – at first with a scant few thousand graduates scattered around the world and now with some 85,000 with known addresses – we have tried to carry out these objectives. The society's leadership and programmes have consistently reflected this effort.

The enormous growth of our membership – up by fifty percent in the last decade alone – means that considerable innovation and imagination are required to keep track of everyone and to keep graduates in touch with each other and with their alma mater. That is why the society puts so much emphasis on the class officers' programme. Even for large classes, arts and science for example, it is the one continuing link between alumni. The potential of the class is limitless for supporting the university and for enhancing the satisfaction of its members through an enduring association.

Each year, in every graduating class of every school and faculty at McGill, the personnel of the society recruit the class officers. These become either class representatives or class agents. The representatives prepare an annual newsletter for their classmates and help to keep addresses up-to-date; the agents write their classmates a letter on behalf of the Alma Mater Fund. Last year over four hundred newsletters were sent out from Graduates' Society headquarters at Martlet House. These communiqués keep classmates in touch until their class reunion, which takes place every five years. There were ninety class reunions in 1982, and three thousand graduates returned to their alma mater to take part in these and associated events.



Recently at the first meeting of the Seoul, Korea branch, former South Korean Minister of Commerce, Dr. Ahn, Kyung Mo, (left) said that of the 35 Korean scientists with Canadian (chemistry) PhD's, 19 were McGill graduates.



Before weighing anchor crew mates, June and Gordon Pimm (left), chat with another Miami, Florida branch member, Nancy Lean.

The listing on the opposite page shows that there are presently sixty-five McGill branches located around the world, ranging in size from the five thousand members we now have in Toronto to the one hundred or so in Athens, Greece. These branches serve as focal points for McGill-related activities. While many activities are social in nature, the graduates in the branches also help refer students for admission to McGill, represent the university at functions in their area, and engage in other activities of service to the university.

The Montreal area branches – the Alumnae Society, the Macdonald Branch, the McGill Society of Montreal, and the Young Alumni – play a very active role in supporting the university in their respective ways. As well, literally hundreds of McGill activities of an educational, philanthropic, and social nature take place each year in the Montreal area, all under the aegis of one of the Montreal branches. A recent innovation, in this age of large classes, is the creation of chapters of professional schools. The MBA Society is an example of this.

Of particular importance is the contribution of graduates to the overall direction of the university. More than any other Canadian graduates, those of McGill play an active role in all aspects of their university's life, aside from the activities of the Graduates' Society itself. The society appoints five representatives to the board of governors, which also includes graduate members nominated through other channels. In addition, Graduates' Society appointees sit on virtually every other board and senate committee of the university. Graduates also assist in projects of the athletics department, help in welcoming new students to McGill (with special attention paid to those from other countries), run seminars, and work in countless other ways with most university departments.

As well as this moral and volunteer support, McGill graduates also give generous financial help. Since the commencement of the Alma Mater Fund in 1948, $19.2 million has been raised, thanks in large measure to the seven hundred class agents whose contact with their classmates has made McGill by far the most successful fund raising university in Canada. Also playing a vital role in maintaining these contacts is the *McGill News* which, despite a drastic cut in circulation made necessary by budget restrictions over the last few years, is still the only regular McGill publication that goes to the far-flung McGill community.

A board of directors with representation from across North America, as well as from the presidents of the Montreal branches, administers society affairs. Other services – all of which are located in Martlet House – include the printing and mailing of over a million pieces annually, all in support of our programmes, and a constantly expanding records area.



After the recent National Arts Centre production of "Joey," the Hon.Joey Smallwood (left) is wined and dined by Ottawa branch executive members, Marc Denhez and Joan and George Winters.

This year the society, like every other department at McGill, is faced with the the painful necessity of evaluating its role and its programmes in response to reduced funding. In our case, the ever increasing costs of keeping in touch with each other are a major problem to be reckoned with. We would welcome your comments and suggestions – even criticisms.

Whatever difficulties the future brings, the Graduates' Society will survive and flourish as a crucial support network for the university itself. It will equally remain a network to which each and every graduate belongs: an enduring link between present, former, and future members of the community of scholars that is McGill University. □

Keep in touch!

Directory of Graduates' Society Branches

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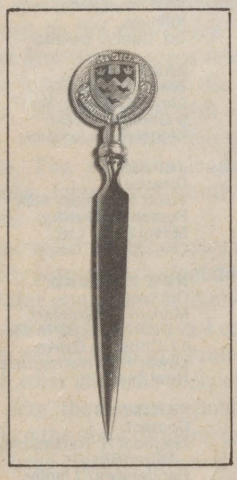
McGill graduates can still shop at the University Bookstore

In cooperation with the Graduates' Society, the McGill University Bookstore is now offering, through mail-order, a large selection of souvenirs and gift items bearing the McGill crest.

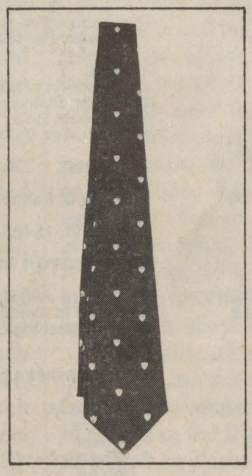
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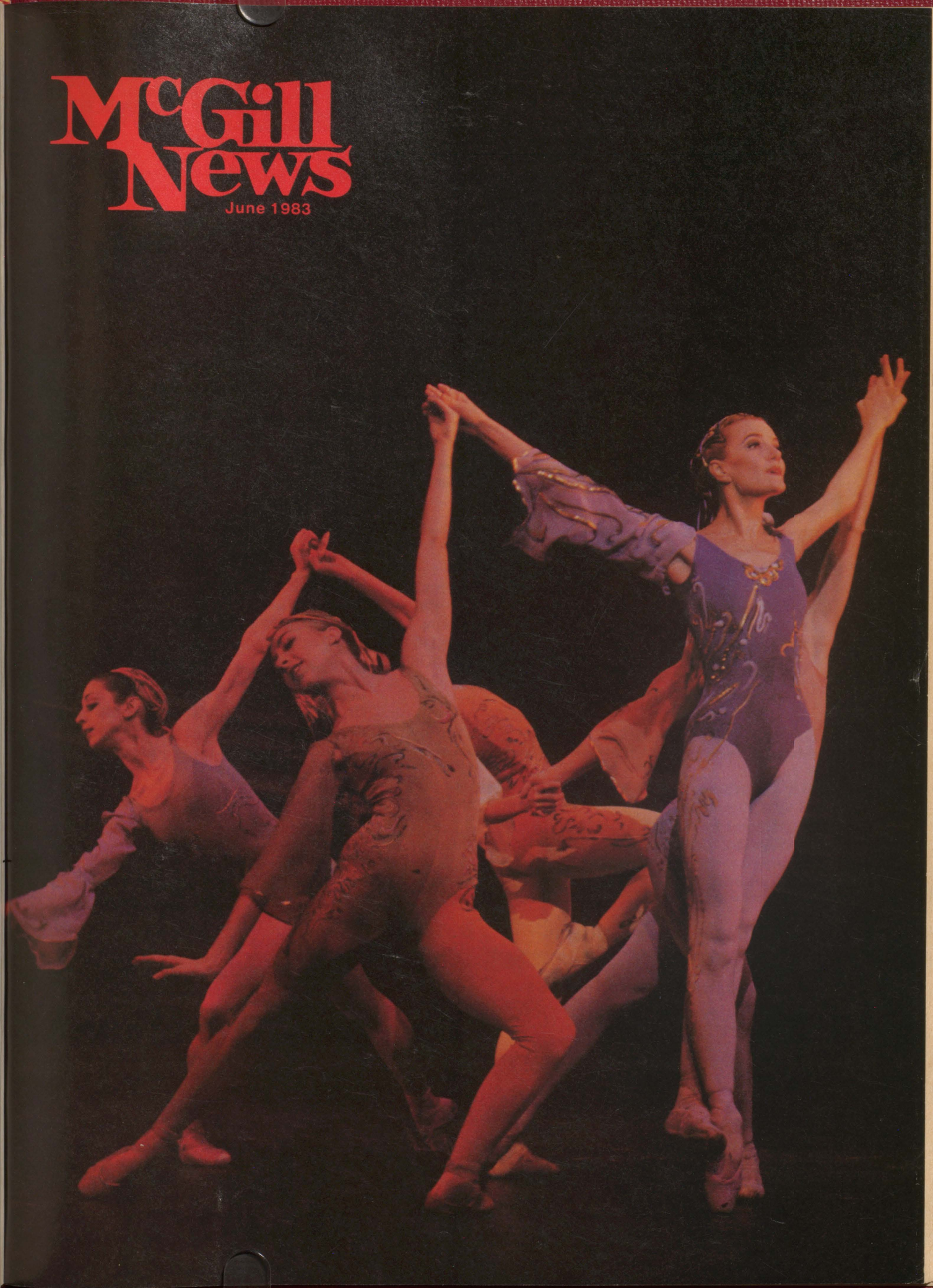
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McGill News

June 1983



Annual General Meeting

Notice is hereby given of the Annual General Meeting of the Graduates' Society of McGill University.

Thursday, September 22, 1983
5:30 p.m.
Saint James's Club
1145 Union Street, Montreal

The Meeting is called for the purpose of receiving reports, presenting awards, electing and installing officers, appointing auditors, and other business.

Ann Vroom, Honorary Secretary

Graduates' Society Nominations

For Governor on McGill's Board of Governors
Term – Five years (starting January 1, 1984)
John M. Hallward, BA'50, MA'53 (Oxford)
Chairman, J.J.C.T. Fine Arts Ltd.; Former Chairman of the Board, Centraide (Montreal); Former President, Canadian Club (Montreal); Past-Chairman, McGill News Editorial Board; Former Director, McGill Graduates' Society; Past-President, McGill Graduates' Society

For Vice-President Alumnae
Term – Two Years
Margaret Legge, BA'51

For Members of the Board of Directors
Term – Two Years
Dr. Robert Faith, DDS'58
Nancy (Rolland) Grant, BA'60
Cecily (Lawson) Smith, BA'69
Danny Lack, BCL'68
Dr. Alan Pavilanis, MD'73

For Regional Vice-Presidents
Term – One Year
Atlantic Provinces
John William Ritchie, BScAgr'51

Quebec (excluding Montreal)
David Ellis, BEng'56

Ottawa Valley and Northern Ontario
Joan Winters, BA'46

Central Ontario
Don Greer, BCom'56

Alberta
Norman Brown, BSc'48, MSc'52

Saskatchewan and Manitoba
Richard Evans, BScAgr'55

British Columbia
A. Boak Alexander, BArch'62

Great Britain
Barry J. Moughton, MCL'58

New England States
Lyn Trojanowski-Mononen, BN'72

U.S.A. East
Richard M. Hart, PhD'70, MBA'73

U.S.A. Central
Dr. Albert Rabinovitch, BSc'66, MSc'69

U.S.A. West
Donna Sexsmith, MSW'55

Caribbean
George L. Bovell, BScAgr'45

Bermuda
John D. Stubbs, MD'56

Article XIII of the Society's by-laws provides for nominations by the Nominating Committee to fill vacancies on the Board of Directors and the university's Board of Governors. Additional nominations for any office received before July 31, 1983, and signed by at least twenty-five members in good standing, will be placed on a ballot and a postal election held. If however, the Nominating Committee's selections are acceptable to graduates, those named will take office at the Annual General Meeting.

NOTE: The Society's By-Laws were changed at the 1982 Annual Meeting. The terms of the President and Vice-President, previously annual appointments, were extended to two years. Thus only the annual appointment of a new Graduate Governor appears above.

McGill News

Volume 63, Number 4
June 1983

ISSN 0709 9223

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The official publication of the Graduates' Society, the *News* is sent without charge to all recent graduates and to all other graduates and friends who make annual contributions to McGill University.

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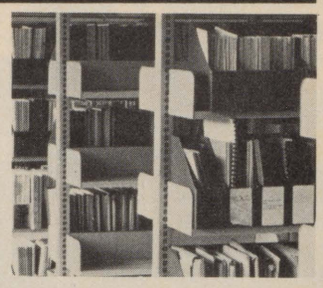
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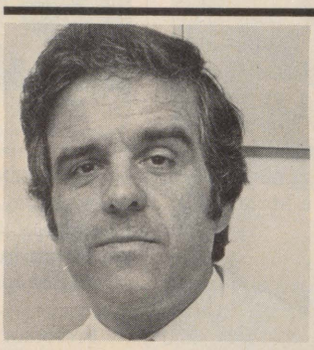
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McGill's faculties look to the future **9**
by Charlotte Hussey

The deans of Agriculture, Law, and Science have disparate goals. But they share a commitment to maintaining the highest standards of teaching and research in their respective faculties.



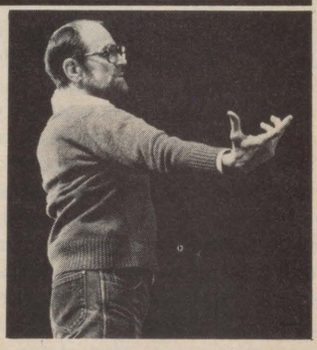


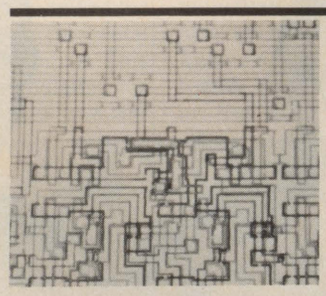
The McGill Palliative Care Service: "Moments of sadness, moments of laughter" **11**
by Phoebe Munro

This modern hospice helps bring comfort and meaning to the lives of terminally-sick patients and their families.

Brian Macdonald: All the world's his stage **14**
by Philip Szepora

The multiple talents of Canada's foremost choreographer have won him international acclaim. But his heart lies in Montreal with Les Grands Ballets Canadiens.





Cashing in on the chip: McGill enters the era of microtechnology **17**
by John Sainsbury

McGill is swept up in a computer revolution that is transforming work patterns in the university.

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Cover: At Montreal's Place Des Arts, dancers from Les Grands Ballets Canadiens perform *Reed Song*, a work choreographed by Brian Macdonald to commemorate the company's twenty-fifth anniversary.

Cover Photo: Vivian Kellner

NEWSBREAK

Generations of excellence

Poet-lawyer **F.R. Scott**, BCL'27, LLD'67, recently joined two of Canada's other senior bards – **Irving Layton**, BScAgr'39, MA'46, and McGill professor of English **Louis Dudek**, BA'39 – for a Montreal reunion, celebrating the publication of an anthology of poetry from *CIV/n*. (This magazine had a brief, but influential, existence in the 1950s.) A few weeks later, in the Fieldhouse Auditorium, Scott was feted by friends and former colleagues at the film première of "F.R. Scott: Rhyme and Reason," a National Film Board production portraying his distinguished and multifaceted career.

The Izaak Walton Killam Award – the most prestigious of the Canada Council's annual Killam awards – was presented in April to psychologist **Brenda Milner**, PhD'52, a professor in McGill's department of neurology and neurosurgery and head of the Neuropsychology Laboratory at the Montreal Neurological Institute. She becomes the first McGill faculty member to receive the three-year-old award. In presenting the $50,000 prize, Canada Council chairman **Mavor Moore** cited Milner's "outstanding contributions to neuropsychology."

It's not only McGill's scientific faculty members who are distinguishing themselves. Biochemistry student **Heather Peniuk** has received the top prize of $8,000 from the Albert Einstein-Max McGraw Youth Science Talent Search, a major North American scholarship programme designed to reward promising undergraduate scientists. At age eleven, Peniuk invented a solar energy collecting device (which she later patented), and she has since published three research papers on the common cold.

McGill student **Michaela Firsirotu** has won the 1982-83 Suncor Scholarship Award, worth $10,000. The scholarship is presented annually to the most outstanding student enrolled in the joint doctoral business administration programme, organised by McGill, Concordia University, Écoles des Hautes Études Commerciales, and Université du Québec à Montréal.

The university's top athletes were recently honoured at the McGill University Intercollegiate Awards Banquet, held at Le Chateau Champlain. Arts student and champion diver **Enikö Kiefer** won the Muriel V. Roscoe Award, which goes to the graduating woman displaying the most proficiency and leadership in athletics. For his prowess on the soccer field, medical student **Dickens St. Vil** was awarded the Forbes Trophy, given annually to the male athlete who has brought most credit to the university through his athletic accomplishments. (For further details on St. Vil's sporting career, see page 4.)

Neurophotography: MNI



Dr. Brenda Milner receives the Killam Award from Mavor Moore.

Bob Dubeau, director of the department of athletics, has been named Chef de Mission of the Canadian team that will participate in the World University Games, scheduled for Edmonton in July.

Professor **David Smith**, BEd'58, MA'61, has been appointed dean of the Faculty of Education for a five-year term, beginning September 1, 1983. He succeeds **Dr. George Flower**, BA'40, MA'49.

Stu Budden has taken over from **Douglas Johnston** as treasurer of the university. Budden has served as chief accountant for six years and is a non-academic staff representative on the board of governors.

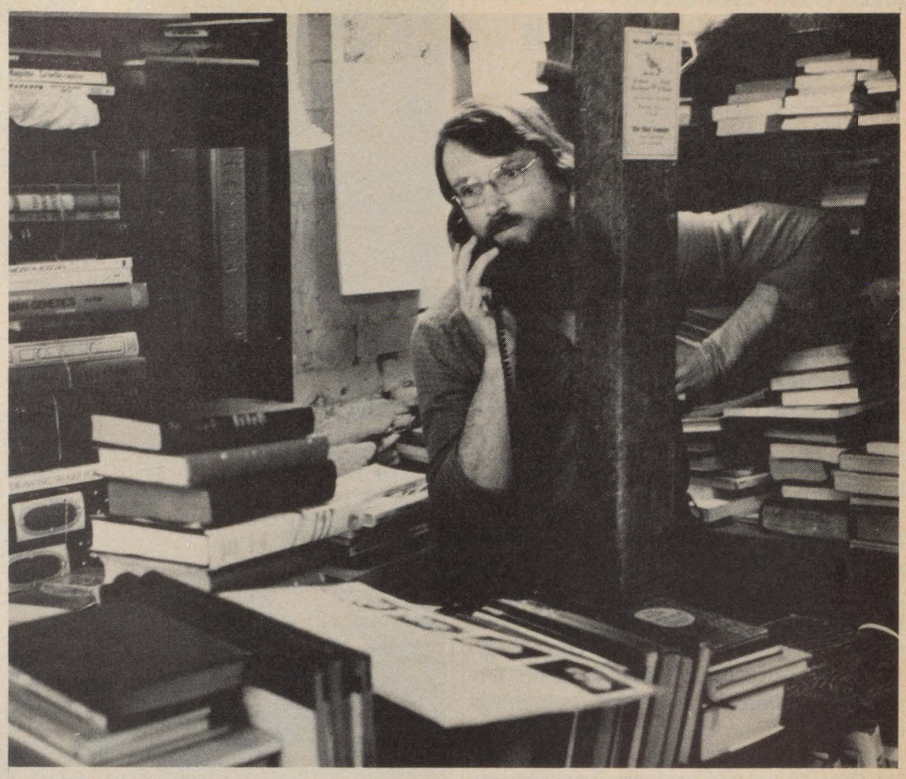
Tedd Church: The Gazette



Canada's senior bards (from left to right): Irving Layton, Frank Scott, and Louis Dudek.

WHAT THE MARTLET HEARS

In the beginning was The Word Bookstore Poetry Series...



The Word Bookstore proprietor, Adrian King-Edwards, laments that customers are reluctant to purchase works of local poets.

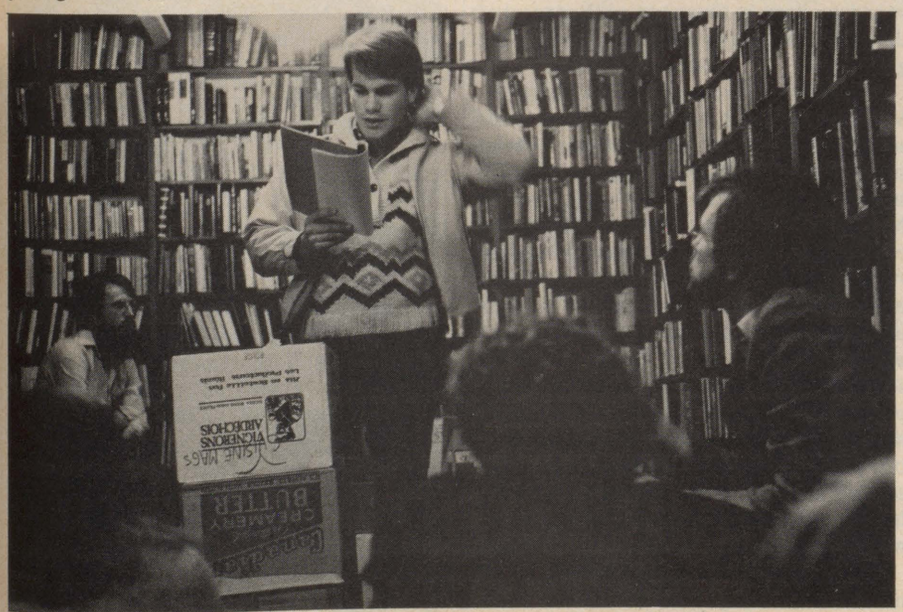
Photos by John Geeza

The Word Bookstore Poetry Series is as old as The Word Bookstore itself. In fact, Adrian King-Edwards, BA'71, and his wife Lucille, MA'72 — who run this favorite student haunt on Milton Street close to the McGill campus — point out that the first reading took place even before the second-hand bookshop was officially opened in 1975.

"The building was a Chinese laundry before we took it over," explains Lucille. "The former occupants left everything here except the machinery. We had a reading in here before the books were on the shelves. Irving Layton's son, Max, was the first person to read in the store. Everyone sat on boxes."

Since those early days, The Word has attracted a wide variety of poets to read their work, most of them local writers or those who have had a book published locally. The list includes Gary Geddes, David McFadden, Peter Van Toorn, BA'67, Artie Gold, Lionel Kearns, and Hugh Hood. This year the King-Edwardses decided to encourage young local poets, those whose work perhaps appears in small magazines, but who have not yet had a book published. Lucille did the screening and selection of writers for the current series. About forty submissions were received for the ten positions available. In the past, each poet had been given his own evening. This year, to make things less intimidating for young readers, Lucille decided to have two people read together on the same evening. Says Lucille, "We didn't ask people to state where they were from, but I would say that about an equal number of McGill and Concordia students submitted manuscripts."

Because this year's readers have no more than a local reputation, the audiences have been different from those in the past. Lucille noted that many more students and friends of the readers have been showing up. But, though the faces may be different, the small shop is so packed with people that latecomers have to stand at the back of the store.



At The Word, McGill student Stephen Brockwell reads his poetry to an enthusiastic, if thrifty, audience.

Lucille remains realistic, despite the success of the series. She points out that a table displaying the works of local poets is set up at each meeting, but that people rarely buy from it. "Everybody wants their turn to read, but they don't feel it is necessary to support other people," she says, "It's a funny kind of community. People are not adventurous in poetry, yet when their book comes out they're dying to have somebody buy it. But who's that going to be?" Adrian adds: "Often these books by unknown poets are more expensive than other books in the store, and no-one will take a risk on them."

Despite these sobering thoughts, The Word Bookstore Poetry Series is enabling many young writers to take that all important first step — reading their work aloud to a live audience in a convivial atmosphere. On the evenings of these readings, there is always a full coffee urn and Lucille's homemade cookies and cakes. And before each presentation, Adrian stands up to introduce the reader in an inimitable style that somehow manages to combine the humour of Monty Python and P.G. Wodehouse with the private meanderings of a seasoned Montreal bookseller. As Gary Geddes mentioned during his appearance last year, a good reason for reading at The Word is just to have the opportunity to hear Adrian deliver one of those famous introductions. *Peter O'Brien*□

McGill's athletic medics



Iain Barrett

Athletic medical students, Dickens St. Vil (top left), "Mac" Teskey (top right), and Lizanne Bussières (below right) strive for a balance of physical and mental exercise in their daily lives.

"When you are in shape both physically and mentally, you work at your best," says Lizanne Bussières, second-year McGill medical student and aspiring sports doctor. She and two of her classmates put this medical theory into practice — they manage to find time in their busy schedules both to excel in their studies and to train tirelessly for varsity teams. Bussières is a runner who has established provincial records in women's indoor and outdoor competition. Dickens St. Vil is a third-year medical student, and for the past two years, star centre-forward for the McGill soccer Redmen. And Luke "Mac" Teskey, currently in his first year in medicine at McGill, has already made a name for himself by breaking freestyle swimming records at the Currie Pool. According to the associate dean of medical education, Dr. W. Dale Dauphinée, the three are able to distinguish themselves in a combination of athletics and medical studies because "they're organised and well-disciplined."

A native of the Eastern Townships, Bussières misses running and cross-country skiing on the tranquil lanes and trails near her parents' farm in Frelighsburg. But she is thankful for Mount Royal, her home away from home in downtown Montreal. Petite and unassuming, she has unlimited reserves of determination and stamina that have enabled her to win several provincial running championships in women's cross-country and long-distance events. She has also set a number of provincial records — notably a time of 9 minutes: 23.9 seconds for the women's 3000-metre race at Montreal's Centre Claude Robillard in January.

Bussière's training consists of running seventy to one hundred miles per week, lifting weights, doing general calisthenics, and when the weather permits, cross-country skiing — all this in addition to her gruelling medical studies. Despite the rigours of her medical programme, she finds the academic work both challenging and rewarding and is looking forward to having patients. As a sports doctor, she would like to work with the general population, not just with "élite athletes."

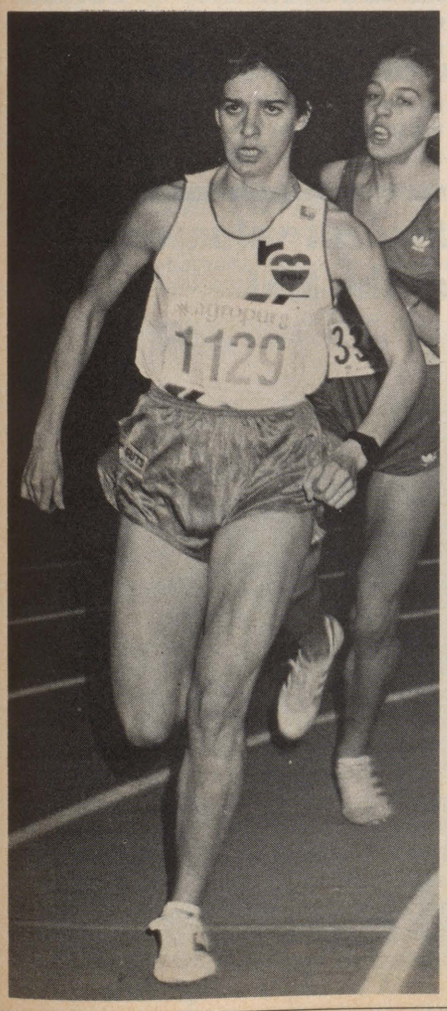
St. Vil moved to Montreal from Haiti with his family at the age of twelve. Coming to McGill was a big step for him as all of his pre-university schooling had been in his mother tongue — French. He was pleasantly surprised when he was admitted into McGill's tremendously competitive medical programme. But he admits: "It was quite hard for me the first year. I had to spend much more time reading than most of the other students as my English wasn't the greatest."

In addition to his academic pursuits, St. Vil finds time and energy to devote to his second love, soccer, which he has played since high school. He joined the McGill soccer Redmen two years ago; and in November 1982 the team won its second consecutive Canadian Inter-University Athletic Union Championship — the only team that has ever done so. As well as playing with the Redmen in the fall, he was also a member of the Vasco da Gama soccer club — the Quebec amateur champions in the summer of 1982. This team's season normally runs from May to September, but sometimes extends into the Redmen season. There have been times when St. Vil has played as many as four games in one weekend!

Because of his sporting prowess, St. Vil has received many honours. He was male athlete of the year in 1979 at the CEGEP de Bois de Boulogne, CBC athlete of the week in November 1982, and this year's winner of the Forbes trophy, given annually to the male McGill student who has brought the most credit to the university through his athletic achievements. All this is a very impressive record for someone who is heavily involved in rotations, is on call one out of every four nights, and whose working day generally lasts from 8:00 A.M. to 8:00 P.M.

Teskey is a jovial and outgoing graduate of Indiana University in Bloomington, Indiana. He was brought up in Toronto, along with six athletic sisters. His mother is a nurse and his father and grandfather both studied surgery at the University of Toronto. "So I broke with tradition when I came to McGill," he confides. But he has not yet decided whether he will break with another family tradition by specialising in





something other than surgery.

All members of the Teskey family have been involved in swimming at some point in their lives. Teskey's father swam for his alma mater as his son is now doing. Even before coming to McGill, Teskey had established an impressive athletic career. Notably, he was the Canadian champion in the 400- and 1500-metre freestyle events in 1978. Since coming to McGill in September, he has set new pool and team records for middle and long distance freestyle and represented the university at the Canadian Inter-University Athletic Union competition in March this year.

Athough time is at a premium for Bussières, St. Vil, and Teskey, they all strive for balance of physical and mental exercise in their daily lives. "My mind starts to go numb if I don't have some regular physical exercise," says Teskey. "I must have some outlet after class."

Apparently many other McGill students concur with this feeling. According to Bob Dubeau, director of the department of athletics, student participation in sports activities has "increased tremendously in recent years." Bussières, St. Vil, and Teskey are happy about this trend and would like to see the introduction of more fitness programmes, like PARTICIPACTION, that popularise sports and motivate people to get involved in physical activity. *Debbie Mercier*□

McGill-Queen's: Out of the red and in the pink

Three years ago, the *McGill News* gloomily announced the impending demise of the McGill-Queen's University Press — a victim of the financial squeeze and a depressed market in academic publishing. Today, echoing Mark Twain's comment on reading his own obituary, the McGill-based acquisitions' editor of the press, Professor David Fate Norton, can report that announcements of its death were greatly exaggerated. What's more, as Norton points out, the publishing house is showing some vital signs of rejuvenation. It is currently publishing fifteen titles annually and plans to expand that number; sales are up by fifty percent over last year; and apparently for the first time in its twenty-four-year history the press is operating within budget.

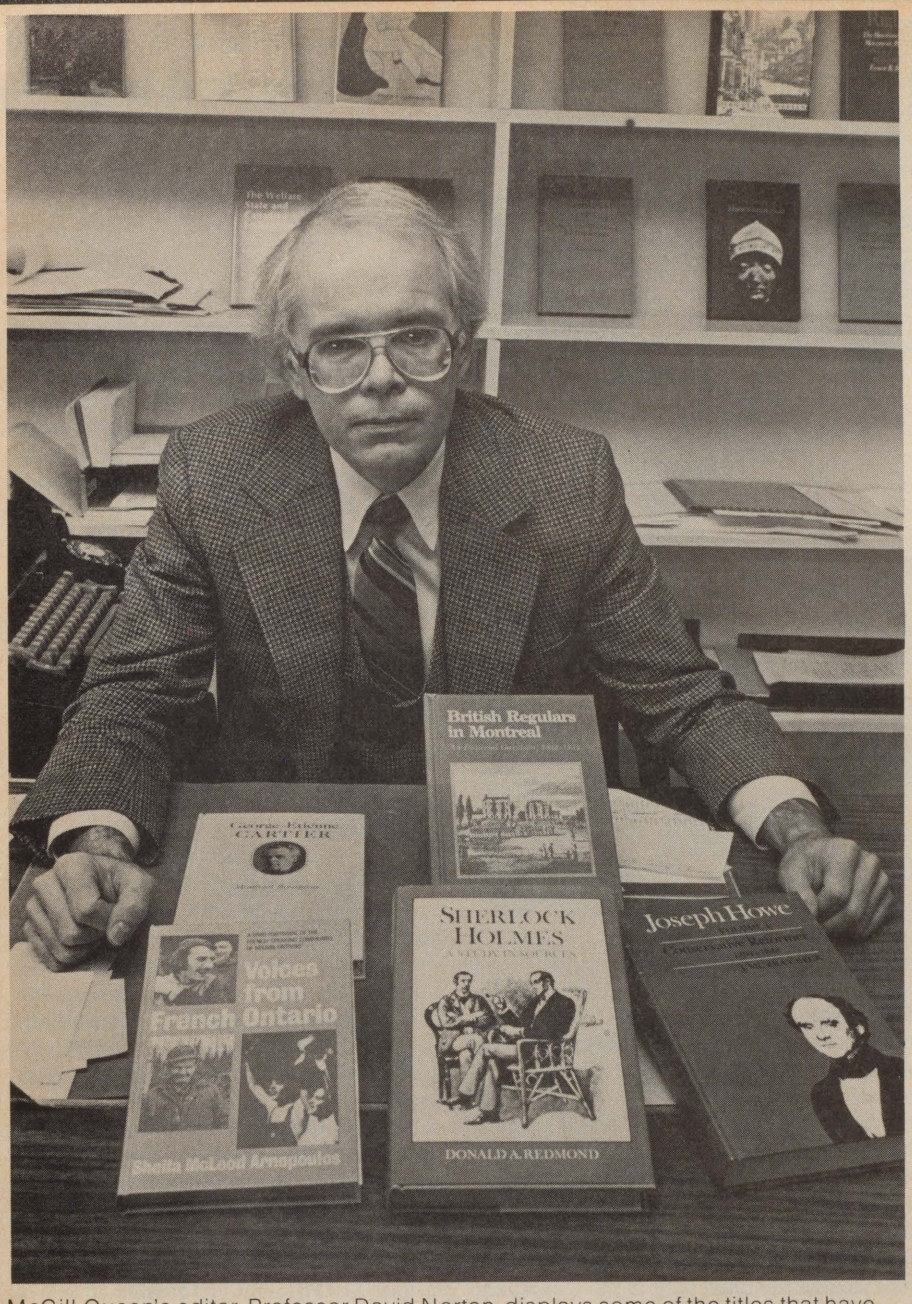
What explains this remarkable turnabout in the fortunes of McGill-Queen's at a time of continuing financial restraint in the academic world? Norton, who came to McGill's philosophy department in 1971 from the University of California at San Diego, points to a couple of decisions by the press's board of directors that put the publishing operation on the road to recovery.

"Rather than hire a professional publisher at some expense, the directors appointed from the faculties of McGill and Queen's two editors with responsibility for acquiring manuscripts," he explains. Norton himself applied for and received the McGill position in 1981, but he remains an active member of the philosophy department, teaching courses on a part-time basis. His faculty office on the fifth floor of the Bronfman building also doubles as headquarters for the McGill branch of the press. Further economies were achieved through the board's acceptance of a helpful offer by the University of Toronto Press (UTP) to provide expanded services for McGill-Queen's. "For some years the University of Toronto Press had been filling our orders," he points out. "When it seemed that McGill-Queen's would have to suspend operations, UTP offered to oversee copy-editing, production, and promotion as well. This has enabled McGill-Queen's to continue operations as an independent publisher, but without the heavy expense of its own promotion or production staff." Slashing costs in this way has allowed McGill to reduce its annual subsidy of the press from $70,000 to $35,000.

The survival of the press may have been secured by structural reorganisation, but its

Iain Barrett

George Bird: The Gazette



Harold Rosenberg

McGill-Queen's editor, Professor David Norton, displays some of the titles that have put his press on the road to recovery.

reemergence as one of North America's leading academic publishers can be largely credited to the flair of Norton and his Queen's counterparts, Dr. Kerry McSweeney and acting editor Dr. Don Akenson. Without compromising scholarly standards, they have sought to publish books with potential appeal beyond the groves of academe. Following the lead of their predecessor Donald Sutherland (who recommended for publication the English edition of *Le Fait Anglais au Quebec* by Sheila Arnopoulos, BA'61, and Dominique Clift, BA'53), the current editors particularly seek manuscripts that address political issues confronting Canadians. "McGill-Queen's can play an important role in the continuing discussions that characterise Canadian political life," says Norton, "especially in such areas as the relationship between the French and English language groups." In this connection, recent titles include *Quebec Nationalism in Crisis* by Dominique Clift. Also the press has accepted for publication in 1984 a manuscript entitled *Prelude to the Quiet Revolution* by Professor Michael Behiels of Acadia University.

Other publications outside the field of Canadian politics, but which nonetheless should enjoy widespread appeal, are the recently published *Sherlock Holmes: A Study in Sources* by Donald A. Redmond (essential reading for aficionados of Sir Arthur Conan Doyle as well as for students of Victorian literature) and a forthcoming book on submarine warfare in the St. Lawrence during World War Two.

Despite the press's willingness to publish books with popular appeal, however, Norton stresses that the principal role of an academic publisher is to produce scholarly books of specialist interest. "We're prepared to publish books with print runs of no more than 750," he says. "These books in most cases are the result of many years of scholarly work, but they would be of no interest to strictly commercial publishers." In this category are *The McGill-Queen's Studies in the History of Ideas*, a series reflective of Norton's own academic interests. These books will never attain the bestseller lists, but they have already achieved a solid reputation among historians of philosophy.

With clear editorial direction now established, the future of the McGill-Queen's University Press seems promising, though it must still negotiate the hazards of economic uncertainty. As Norton points out, many of its financial supporters — such as the Canada Council, the Canadian Federation for the Humanities, and the Social Science Federation of Canada — are themselves feeling the economic pinch. He is confident, however, that the press can survive and prosper despite the current recession. On such matters he can speak with authority, for in addition to acquiring manuscripts, Norton has also taken on the position of acting director of the publishing house, with responsibility for budgetary decisions. "I enjoy that part of the work almost as much as the editorial side," he says. "It is a challenge to make the press viable economically, while at the same time keeping scholarly standards." His main hope for the future is that those associated with McGill will come to regard the press, not simply as a possible publisher of their manuscripts, but as an invaluable source of information and advice on a range of publishing matters and as an extension of the teaching and research activities of the university. *John Sainsbury*□

Student volunteers at the MNI

"Sous le cinquante," bellows the caller. "Bingo," responds an ecstatic voice, cutting through the general hum of excitement.

These sounds, reminiscent of bingo night in a church basement, can be heard weekly in a somewhat unlikely location — the third-floor lobby of the Montreal Neurological Institute (MNI). There on Thursdays at 6:30 P.M., about twenty-five patients from the 135-bed, acute care hospital gather to play bingo, win prizes, and most of all be together. They are of all ages, many nationalities, and suffer from a variety of neurological disorders — ranging from strokes to brain tumours, from epilepsy to damaged spinal cords.

Not so many years ago, MNI patients

experienced few pleasant diversions from their illnesses. Leisure activities were sporadic at best. Today organised bingo, exercise, film, and casino nights — as well as regular daily visits — have all been made possible through the McGill Student Volunteer Programme (MSVP).

According to the hospital's medical staff, this student initiative has become a vital component in the care of patients going through the trauma of neurological testing or surgery. "The medical and nursing staff are so caught up in their acute care duties that they don't have time to look after the patients' social needs," explains William Feindel, MD'45, director of the MNI and the Montreal Neurological Hospital. "Psychologically, for the patients, the service provided by the students is wonderful." Patients themselves concur wholeheartedly. Says 24-year-old Carmella Bruzzese, who was in the MNI for eight weeks following an operation for epilepsy: "If it wasn't for the visits from people outside, it would be murder."

The student programme is especially valuable because many patients have neither family nor friends in Montreal, and some speak neither French nor English. The MSVP gives them friendly support — and in several languages.

It all started in September 1977, thanks to the initiative of two McGill students, Mitchell Shiller, BSc'80, and Joseph Zadra, BSc'79. Both had been volunteers at the MNI on an informal basis, dropping in to visit patients from time to time. But neither was satisfied with this arrangement.



John Geeza

The McGill Student Volunteer Programme provides regular activities for patients at the Montreal Neurological Institute.

"Often we would have a really emotional experience, and there was no-one with whom we could share that experience," Shiller recalls. "And when exams came, things fell apart."

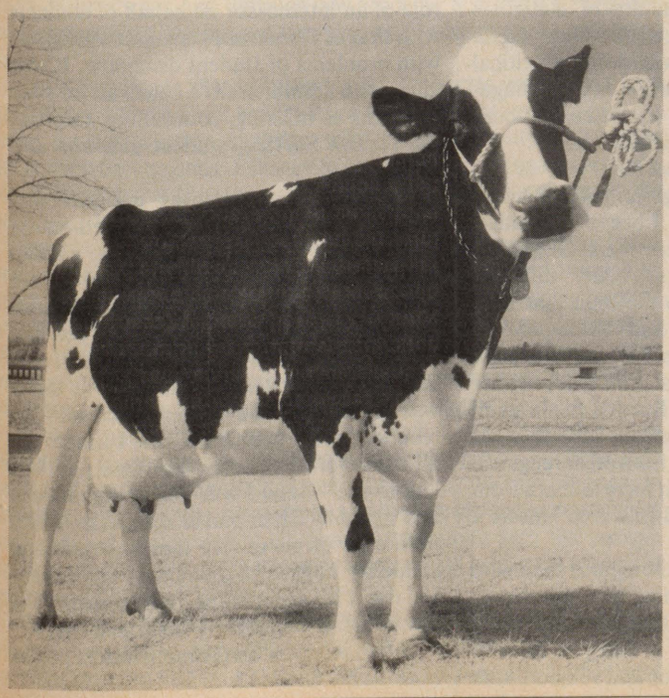
So Shiller and Zadra talked to Verna Bound, BSW'74, MSW'75, director of the social work department at the MNI, about establishing a structured and expanded student volunteer programme that would include learning and debriefing meetings. With Bound's encouragement, Shiller and Zadra advertised for volunteers in the *McGill Daily*, the student residences, and other campus buildings. Soon the MSVP had sixty students organised into five groups, each coordinated by a team leader. Hospital visits were conducted five afternoons a week.

Currently, the programme has twice the

(continued on next page)

In praise of Macdonald Miss E.V. Pontiac

(These lines were inspired by the lactary accomplishments of a member of the Macdonald Farm herd who was recently awarded the 60,000 kilogram Longtime Production Award by the Holstein-Friesian Association of Canada.)



Vivian Kellner

This marvelous Miss is utterly dissimilar to the dromedary
Who I hear does a first-class job of supping stuff up, but of issuing it forth again — except in a nauseating fluid — is said to be somewhat chary;
Rather, she munches her way through an appropriate quantity of raw data,
And is able by an artistically scholarly process known only to herself and her colleagues to correlate, synthesize, and orchestrate it (or them) with an elegance worthy of Zubin Mehta,
And (what is even more) to publish (as it were), during seven lactations, 62,879 (no doubt refereed) kilograms of milk and 2,320 kilograms of fat.
Now what do you think of that?
Surely this should cause men, women, and children to throw their caps in the air and clap their hands and cry, 'Excellence!' till the welkin rings:
And if this were the production level of all of us (excluding the fat) from full professors right down to vice-principals, then I'm sure we should all be as happy as kings.
Obviously here is the new standard our masters are setting for us: and in responding to the challenge we may have cause to think
That even if all of us aren't lucky enough to receive 60,000 kilogram Longtime Production Awards like Macdonald Miss E.V. Pontiac, at least (following her kind of example) we will not have very far to go if we are driven to drink.

Anon. (with a tip of the hat to Ogden Nash)

number of volunteers than in 1977, drawn from a variety of disciplines; and under the coordination of two students, Kerry Doyle and Elska Dammon, it has been expanded to include activities every night, as well as Saturday morning visits. Doyle, a psychology student with a diploma in recreational leadership, feels that it is important "to get the patients off the ward, so that they're more stimulated and physically active." On one occasion, a patient with multiple sclerosis was taken out for a beer!

Throughout its existence, the basic tenet of the MSVP has remained the same: the programme should benefit volunteers as well as patients to the maximum. To this end, student volunteers hear lectures by MNI physicians, observe the hospital's famous epilepsy operation, and learn special procedures used in the care of more difficult patients.

The student participants in the programme talk enthusiastically about how it has enriched their life. Mary Evangelista, a sociology student, said that in the beginning it was hard seeing the patients — some with shaved heads, others with wires coming from their heads — but "after a while you look forward to coming because you know there's someone looking forward to seeing you." Adds Shiller: "The programme put me in touch with my own life. It made me think twice about how fragile we are, and what a thin line we walk along."

Dr. Feindel agrees that the students' exposure to sick people is a valuable opportunity that most young people do not get. "Today we are born and die in hospitals or institutions, so that the young are not exposed to sickness and death," he points out. "This experience in the MNI gives students an extraordinary insight into the serious things going on in life." *Bronwyn Chester*□



John Geeza

In a job that requirespatience and tolerance, Dean of Students Robert Stevenson comes well-equipped.

The new dean of students: On passage from India

McGill University recently telephoned halfway around the world to get its new dean of students. "I received a call to come for an interview for this position while I was in New Delhi, India, doing research on a Sanskrit manuscript," says Dr. Robert W. Stevenson, BA'49, BD'61. After returning briefly to India, he came back to Montreal to begin his five-year term of office on January 1, 1983.

Newly ensconced in the Powell Student Services Building, in a large and orderly office that has Indian prints on the walls, Indian cushions on the couch, and two blue ceramic Indian elephants on the side-table, Stevenson talks abouthis recent trip to the Orient. It was all part of a long journey that really began in 1958. At that time, he quit a ten-year career in industrial advertising with Canadian Industries Limited and the Dupont Company of Canada to return to McGill for a second bachelor's degree — this time in comparative religion. He followed that with PhD studies at Harvard and research in India, focussing on Sanskrit and Hinduism, and then returned to McGill in 1966 to teach. In 1980, he became the acting dean of the Faculty of Religious Studies. The phone call in New Delhi caught him while he was doing a critical reading of an interpretation of the Bhagavad-Gita, the mythical narrative that contains the principles of Hinduism.

He explains the development of his interest in eastern religion: "When I was still in boarding school, I began to wonder: if God is really as we understand God to be, then why are there so many different religions? It seemed to me then that neo-Vedantic philosophy had some of the answers to that question. Now, of course, it seems that its answers aren't any better than anybody else's.' But his readings in Hinduism led to questions about what Christianity has to learn from other religions, and what we in the West have to learn from the East. How does all this help him as a dean of students?

Stevenson is a tall, thoughtful man who pauses before answering any questions. "One of the first things that you learn when you study any religion is that you have to enter the point of view of that religion, into its feelings and sensitivities," he says. "I'm dealing with foreign students, for example, who may think differently than we do about certain problems, and I try to see from their perspective."

He has a lot of contact with students, helping them with problems concerning course results, relations with academic staff, and budgetary matters. The office he now holds came into being partly in response to the student unrest of the late '60s. Today the position still juggles the role of an intercessor on behalf of students with that of the parent surrogate who deals with problems of student discipline. It also acts as an administrative catch-all for such concerns as housing, counselling, tutoring, the Health Service, student aid, and athletics.

In a job that requires patience and tolerance, the new dean comes well-equipped. "One of the things that eastern religions have to offer Christianity is a sense of tolerance," he explains, "tolerance for other people crowding around you and for their beliefs." And his sojourn in India certainly taught him patience. "One day I was trying to close a bank account," he recalls, "and I hadn't realised I had to get all these forms filled by all these people I had to see — and I was becoming anxious and irritable. Then one of the clerks, a tiny little man of about five feet, saw this and suddenly hugged me, saying, 'Oh, please sir, don't be angry at us. We're just doing our duty.' It completely disarmed me."

Short students and administrators please note. *John Geeza*□

McGill's faculties look to the future

by Charlotte Hussey

In this continuing series on the plans of McGill's Faculties, the deans of Agriculture, Law, and Science discuss how they intend to maintain excellence of teaching and research within their respective areas.

FACULTY OF AGRICULTURE



Dean Lewis E. Lloyd, BScAgr'48, MSc'50, PhD'52, says the number one priority in planning his faculty's future is building renovation. Macdonald College's Ste. Anne de Bellevue campus was built between 1905 and 1912, he points out. And, although new academic quarters were provided in the late 1970s, the original farm and poultry buildings are still being used.

Lloyd proposes to allocate more than $1.2 million to refurbish the farm and poultry unit. This will provide more space for research and give the rising number of urban students, who enter his faculty with limited agricultural backgrounds, a chance to acquire some practical experience. "Students come to Mac to learn the applied side of science," says the dean.

Improving the Macdonald campus library is another priority for Lloyd, and he has earmarked $200,000 for this purpose. Much of this will be spent on making the library more accessible and on maintaining holdings at a suitable level for research. He explains that, because Macdonald's library is situated twenty miles from the rest of McGill's library system, many materials have to be duplicated rather than borrowed, while others have to be transported to and from the main campus.

Looking ahead to the late 1980s, Lloyd is concerned that staff retirements might adversely affect the quality of his faculty. "Unfortunately we're having to use retirements to meet budget cuts," he says. He hopes to compensate for this loss, however, by establishing visiting professorships and endowed chairs, which will provide the faculty with the younger scholars required to pursue innovative research and help in the training of graduate students.

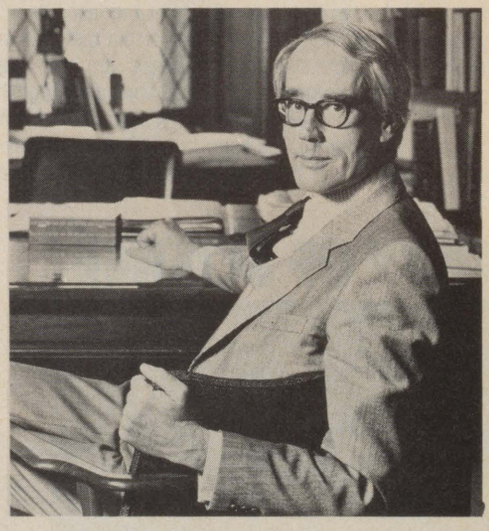
Specifically, the dean would like to spend $580,000 over the next five years to establish visiting professorships in agricultural engineering — a rapidly expanding field — and molecular genetics. The latter appointment would provide the faculty with an expert in applying recombitant DNA techniques to such areas as the improvement of crop yields. This type of interdisciplinary research falls under what Lloyd calls "that catchword, biotechnology," which is a key area in his faculty, and one that draws on the expertise of the departments of agricultural engineering, animal science, microbiology, plant science, and the School of Food Science, as well as of other faculties on McGill's main campus. "As we look to the future, our teaching and research will have to be increasingly tied in with other faculties, such as Science, Medicine, and Engineering," explains Lloyd. "And that will be for the mutual benefit of all concerned."

Another subject on the Faculty of Agriculture's curriculum that crosses traditional departmental lines is the study of nutrition. In 1980, the McGill Nutrition and Food Sciences Centre was created as a joint project of the Faculties of Medicine and Agriculture. Its purpose is to promote nutrition and food science research, the post-graduate training of nutritionists, the teaching of nutrition and food science to undergraduate students, and the dissemination of information to food science professionals both within the university and the community at large. Dean Lloyd hopes eventually to support the directorship of this centre, a position currently held by Dr. Errol Marliss, with an endowment of some $350,000.

Lloyd feels strongly about maintaining the high profile of his faculty and its commitment to international development. He points out that the need for agricultural researchers in Canada is becoming acute and that requests for help at the international level are not going to diminish.

"How can we meet these needs?" he asks. "It will not be easy if we rely solely on government funds. We need to establish chairs and professorships supported by the greater McGill community."

FACULTY OF LAW



Photos by Vivian Kellner

The Faculty of Law at McGill, the oldest in Canada, is unique because of a mixture of geographical and historical circumstances. Explains Dean of Law John Brierley, BCL'59: "We have a mix of French civil and English common law — the two great legal traditions in the Western world. No other law school in North America is in this position."

Brierley plans to build on this asset by perfecting the curriculum to provide students with an increasingly national, legal education — one that offers sound training in common and civil law and gives a formal place to instruction in both of Canada's official languages.

Already, the National Programme, instituted in 1968, allows undergraduates to pursue a four-year period of study leading to both the Bachelor of Laws (LLB) alongside the traditional Bachelor of Civil Law (BCL). What's more, fifty percent of those who complete the BCL degree go on to take the LLB; while thirty percent of the LLB group continue on to do the BCL.

In order to improve the quality of the National Programme, as well as of graduate research, the dean plans to strengthen the Law Library holdings. "The library is our laboratory," he says. "And we have to serve not only our undergraduates, but a graduate population from twenty-five countries. So

we're obliged to have a first-class research library, although ours is still modest in size even by Canadian standards."

Brierley estimates that $150,000 will be necessary to strengthen the Law Library collections. Additional materials are needed to support the vital and expanding graduate programme in International Business Law, which includes courses that are comparative in scope and go beyond the limits of Canadian law. "As the world gets smaller in terms of increased travel and communication facilities and trade, this is becoming a highly important field of study," says the dean.

The collections of the Institute of Air and Space Law also need to be enhanced. This area of study was started thirty years ago at McGill, and it's gaining new importance, says the dean, "because of the impact of air and space technology." He points out that people come from behind the Iron Curtain and as far away as Fiji to study at the institute.

Vivian Kellner

The dean also looks to the setting up of an endowed fund of about $500,000 to stimulate teaching and research in the field of public law. Specifically, a visiting professorship and teaching fellowships would be established to support work in constitutional and administrative law, two areas which are especially important now with the advent of the new Canadian constitution and the Charter of Rights. Also part of the fund could be used to promote public lectures and publications related to these fields.

A further area in which the faculty now has strength and could be developed into a more rounded academic programme is the study of health law — an interdisciplinary subject that covers contemporary medico-legal problems such as civil and criminal liability of doctors and hospitals, organ transplants, euthanasia, and medical ethics in general. McGill's experts in this field, Professors Paul Crépeau and Margaret Somerville, DCL'78, have already attracted outside grants for special projects, and Brierley hopes to be able to stimulate further teaching and research in health law with additional funding.

"I think that we've improved enormously over the last fifteen years," says Brierley, summing up the achievements of his distinguished and innovative faculty. He acknowledges that there are still budgetary problems and a "certain stressfulness attached to being an English school in a French milieu." But he is confident that his faculty can meet the challenge of the future. "After all," he says, "there is no other law school that's acknowledging or trying to build on the fact that they're at the crossroads of Canada."

FACULTY OF SCIENCE



Vivian Kellner

Topping the Faculty of Science's list of requirements is one indispensable item — laboratory equipment. "It is of highest priority," says Dean of Science Svenn Orvig, MSc'51, PhD'54. "And it is here that our shoe is



pinching the most." The discomfort is aggravated by the enormous expense of laboratory equipment and the fact that the demands placed on it are increasing as enrollments in science continue to rise.

To alleviate this problem, Orvig plans to allocate about $1 million of his faculty budget (the largest after that of the Faculty of Medicine) to establish a Faculty Equipment Fund. This allocation will help the eight departments and the two institutes under his auspices modernise their laboratories and keep abreast of advances in teaching and research methods.

The biology department, for example, has some urgent and specific needs. It requires new equipment that would allow it to restructure introductory courses in organismal, cell, and molecular biology. Also there have been requests for increased laboratory content in senior level biology courses that will require the acquisition of high capacity stills, autoclaves, and controlled environment chambers.

Other units also require sophisticated equipment. The department of geological sciences needs a new scanning electronic microscope and similar high speed instruments. The department of meteorology has requested a radio system for receiving and displaying satellite weather pictures. A high-power ring dye laser would permit further exploration in the field of atomic physics. And the psychology department must expand its laboratory facilities to accommodate the increasing number of undergraduates enrolling in such basic courses as perception, learning, and motivation.

Computers have become an essential tool in many fields. The chemistry department is dependent on them for making accurate and rapid laboratory measurements, and they are also required to further work in cartography — the science of mapmaking. Says Orvig: "Cartography has been revolutionised by the computer, and for us to obtain this technology will make the difference between dying slowly or being in the forefront of the field. And the same can be said of meteorology, which is also involved with mapmaking."

Orvig is as concerned about renewing staff in his faculty as he is about providing proper equipment. "We have a mature staff," he explains. "But we need the new blood that comes from the modern training that recent graduates have acquired. A person gets a year older each year, but an institution shouldn't. Young people should be replacing those who leave."

To obtain this infusion of new blood, Orvig plans to portion out money from his budget to create some additional assistant professorships, of which there are only 35 in a faculty of 220 members. He also hopes to increase the number of teaching fellowships, post-doctoral research fellowships, and post-graduate scholarships in several fields.

Orvig is proud of the "self-reliance" of his current staff — more than ninety percent of whom receive research grants from sources outside the university. But he would like to give teaching and research in his faculty an additional boost by dispensing funds that would allow scientists from other universities to visit McGill. The departments of psychology, mathematics, and physics have requested such funding, as well as the Institute of Oceanography. "When a professor comes to McGill from another university, a new idea arrives too," Orvig explains.

The dean looks to the future with optimism, mainly because his faculty has weathered the financial constraints of the past six years without deterioration in quality. "It's a battle, but we're measuring up extremely well," he reports. □

The McGill Palliative Care Service: "Moments of sadness, moments of laughter"

by Phoebe Munro

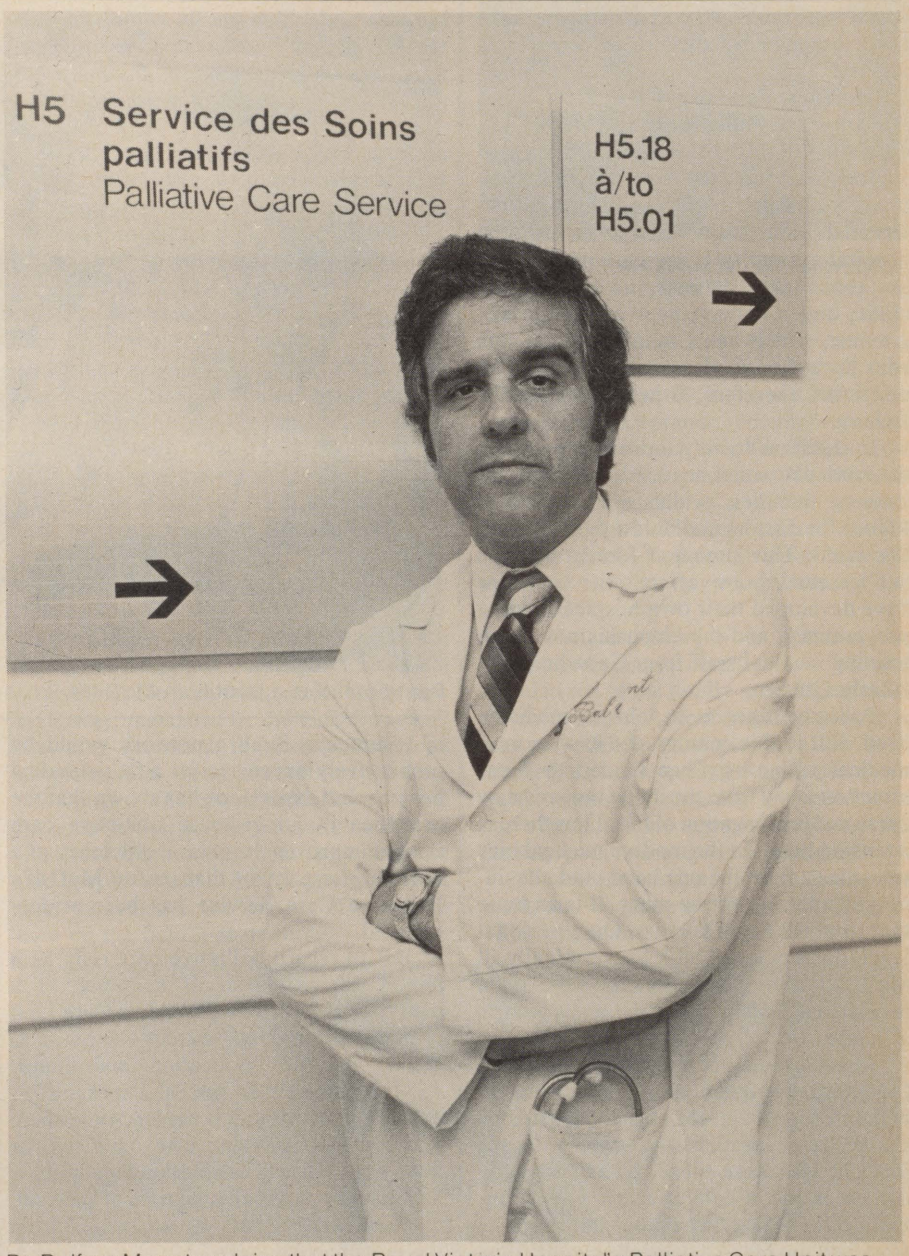
"As a surgeon, I thought putting dying people in the same place was the worst idea I'd ever heard, sort of like ghettoizing them. But in fact they were far more isolated on the active treatment wards, where they represented death. The irony of the Palliative Care Unit is that death is irrelevant...that the patient is going to die is of peripheral interest to us when what we're focussing on is quality of life."
Dr. Balfour Mount

The term palliative care has a deceptively simple meaning: excellence of symptom control coupled with a concern for the patient's emotional, social, and spiritual well-being. But those are dry words that do not convey the essence of good palliative care — a working paradox wherein the living, who happen to be dying, are celebrated.

Dr. Balfour Mount, professor of surgery at McGill, is the founder and director of the McGill Palliative Care Service, a hospice for the terminally ill. Set up as part of an experimental project at the Royal Victoria Hospital, the service has become a landmark in the history of palliative care. Derived from the tradition of the mediaeval hospice — a place of refuge for the sick and weary pilgrim — it provides a multifaceted approach to terminal care. In the words of Dame Cecily Saunders, founder of the modern hospice movement, it addresses "that unique period in the patient's illness when the long defeat of living can gradually be converted into a positive achievement in dying."

The evolution of the service followed a simple chain of events. As chairman of a church panel on death and dying, cancer surgeon Mount undertook a study of dying patients at the Royal Victoria Hospital. With then-medical student Allan Jones, BSc'71, MD'75, he evolved a questionnaire that measured pain control, psychosocial needs of dying patients, and staff attitudes towards them. The panel's report, issued in 1973, pointed to a serious problem.

"When we first undertook the study, we had anticipated unmet psychosocial needs," says Mount, "but what surprised us was that in addition to that there were unmet physical needs, unmet symptom and pain control, and demonstrated patient isolation." There were also vast discrepancies between the attitudes of patients and of physicians to diagnosis: seventy-eight percent of the patients wanted to know the nature of their illnesses, while only thirteen percent of the doctors thought this advisable.



Harold Rosenberg

Dr. Balfour Mount explains that the Royal Victoria Hospital's Palliative Care Unit was the first hospice set up inside a large general hospital.

A pilot programme was subsequently established, which in 1975 became the Royal Victoria Palliative Care Service (now the McGill Palliative Care Service). Modelled on St. Christopher's Hospice, the London prototype founded by Dame Saunders, the Montreal service differed in one important respect: it was the first hospice to be set up within the context of a large general hospital.

"It broke new ground," says Mount. "And there were good reasons for this." Staff and resources were already in place, he explains, and there was proven quality control, a condition not always present in free-standing hospices. He continues: "If a patient dies on the Palliative Care Unit here, the findings are likely to be presented at the eight o'clock pathology rounds. So there is accountability."

Good palliative care has now become a moral imperative for Mount. His reasons are unequivocal. "We're talking here about a sub-standard area of health care," he says. "Two thirds of the cancer patients in this country die of their disease and less than five percent of the millions of research dollars available is spent looking into how to help those patients bear it. More to the point, most of us are going to die in institutions, and every well-conducted study I know of has documented inadequate care. If that were demonstrated in neo-natal care or in emergency, there'd be a national inquiry!"

McGill's Palliative Care Service has five arms: the Palliative Care Unit (PCU), consisting of thirty-nine beds at the Royal Victoria and Montreal Convalescent Hospitals; a consultation service, which follows terminal patients in other wards of the hospital system; a home care programme for about sixty patients; an out-patients clinic; and a bereavement follow-up programme, which helps families of patients who have died in the previous year. The unit itself, therefore, is just the tip of the iceberg.

In addition to its clinical programme, the service provides academic research and training facilities, which are a medical Mecca for doctors and nurses from all over the world. This stream of foreign trainees has lessened, however, as other countries have developed their own hospice training programmes, and the emphasis now is on training medical staff from Canada, particularly Quebec.

Palliative care is as old as medicine itself. But in this century, the explosion of medical technology has tended to focus attention away from the dying towards new cures and prolongation of life. Thus there is a tension between the modern medical bias towards cure on the one hand, and alleviation of suffering on the other. It is an issue that troubles many doctors. On a personal level, doctors faced with the terminally ill must confront their own mortality; on a professional level, a dying patient is seen as a failure.

John Armour, McGill's vice-principal (administration and finance) and a volunteer at the PCU, equates the tensions created by the presence of palliative care within a hospital with those caused by a bankruptcy section in the middle of a firm of accountants. The analogy, of course, must not be stretched too far. All doctors, whether on a palliative care unit or in regular wards, share a professional commitment both to saving lives and easing suffering — but their priorities are different. Pain control in particular is a major concern in palliative care. "Great technical advances have been made in the use of oral narcotics and in understanding the neurophysiology of pain," Mounts points out. "There is a more sophisticated knowledge of how pain can be modified." Other symptoms are treated as well, such as shortness of breath, nausea, and depression, and simple matters of personal hygiene are attended to scrupulously. In short, there is an attention to the minutiae of well-being not often found in other branches of health care.

Although symptom control is an important priority, it is only one branch; social, spiritual, and emotional needs come next. To meet these needs, the service draws on a large resource group, including doctors, nurses, a pastoral coordinator, an education coordinator, psychiatrist, social worker, dietician, and music therapist, plus an army of volunteers. Such a network would be prohibitively expensive for a free-standing hospice; but experience has shown that the existence of an in-house palliative care service improves the overall efficiency of a hospital. Largely for that reason McGill's Palliative Care Service has been widely imitated.

But to regard palliative care only as a money saving device is as much of a distortion as to see the Palliative Care Unit primarily as a death ward — a place to come and die. Education coordinator Jocelyn Tanguay, BCom'76, DipMgmt'79, explains that "the unit is not just somewhere you transport patients who have two or three days to live. The criterion for admitting a patient is not anticipated time of survival, it's whether that patient can benefit from the resources we have."

Nor is the spectre of doom and gloom borne out on closer acquaintance. A brief visit to the ward reveals intense activity on the nurse's station as befits a crisis-oriented unit. But the atmosphere remains tranquil. To the visitor, it feels like a bath of calm.

"I don't find the unit to be on the whole a sad place," confirms Armour. "Some of the happiest times I've ever had have been up here, impromptu parties, a wedding once. There's such a bond between patients and staff." But he's quick to warn that volunteering at the PCU isn't easy. "I recognise that going up there is sometimes quite a strain," he says. "You're giving quite a bit and you need something back." But Armour, a charter member of the can't-stand-the-sight-of-blood school, draws inspiration from focussing on something that is often elusive — the spiritual dimension of the patients.

"I was very impressed by one sixteen-year-old," he recalls. "That kid had so many insights into life, so much acceptance. At the same time, I was visiting another patient three doors down, an old man. That poor soul was so empty, so frustrated. Some people would say it was a terrible thing that the young man, with so much promise, was dying. But he was much more fulfilled."



Pain control is a priority in McGill's Palliative Care Service.

Mount reports other instances of young people facing death with a sense of fulfilment and enhanced meaning. "Our tools don't measure the potential to grow and find meaningful time when your physical resources are crumbling," he says. "The richest time in a person's life may come when he is dying. True, it's a time of potential disaster, especially in interpersonal relationships. But what should be documented is the enormous potential for integration, growth, and reconciliation that is there."

Unfortunately, sometimes more than the patient's and doctor's best efforts are needed to achieve this goal. One of the saddest problems the dying face is the falling away of friends. People's worst fears are expressed by their absence; not coming to see a dying friend is the loudest statement of all. It doesn't say, "I don't care," it says, "I'm afraid." But that is cold comfort to the dying who may find themselves very isolated. Nor are family members immune; sometimes they even refuse to admit that there is a problem.

"So often, there's a conspiracy of silence," says Armour. "Both parties know, but they're denying it. The ideal situation is to know and accept death and complete all that unfinished business in the context of the family." He speaks with authority; often the volunteer has to pick up the pieces and sort out the family debris — a delicate function at the best of times.

"You are there to meet the patient where he is," Armour continues. "You listen, and as patients get into depression or anger, you play back the things they've told you, give them a sense of achievement. Often you don't need to speak at all. I remember one of the monks at Oka quoting an Eastern mystic: 'Don't just do something — stand there!' And for the volunteers a major part is standing there, in the fullest sense of the word, being totally available to the person without fears and inhibitions coming between you."

Some volunteers have a special function. Dr. Phyllis Smyth, BA'59, BD'64, ordained minister and associate professor of religion in medicine, was hired three years ago as pastoral coordinator. Her job is to recruit, train, and supervise the pastoral volunteers.

"When the service was expanded, and patients were scattered all over, one chaplain obviously wasn't enough," she explains. "So some fairly radical decisions were taken. One was to use lay people on the team, despite objections that they would have neither the intellectual training nor the built-in skills to monitor their own emotions. The other decision was that anyone on the team should be comfortable ministering to patients of all denominations — a major change from the tradition of chaplaincy in hospitals, which has always been denominational."

Smyth endorses the philosophy of responding to the patient's needs, rather than imposing religious doctrine. The service may entail praying with a patient if he asks, or helping him to use the resources of his tradition. That might mean reading from the Koran, or finding someone who can, or in the case of one Jewish volunteer, bringing a crucifix to a Roman Catholic. (The service thrives on irony.)

She quickly dispels any notion of deathbed conversion. "What patients are confronting is in the nature of a life crisis, which causes them to re-examine their whole existence," she says. "Religion is part of that process. I think most people have some sensitivity or understanding of a spiritual dimension to life, but have never paid much attention to it. The question of life after death comes up in nearly all cases, so the need is there to talk about it."

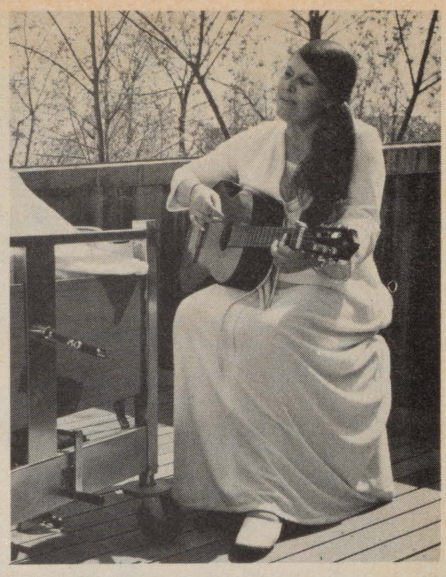
The pastoral service also helps patients deal with the practical problems of impending death, such as funerals and wills. Here too the "whole person" approach is emphasised. "What I call pastoral presence is important," explains Smyth, "touching the patient, holding his hand, just being sensitive to his needs."

Thelma Luczko's husband spent the last week of his life in the Palliative Care Unit. When he died, the nurses cried, not unusual in a service where professionals are allowed to express their grief. Luczko — a porter in a McGill student residence – still can't get over the experience. "My great fear was that my husband would die and I would get a phone call," she says. "But we were all with him at the end. My young son said to me, 'Dad had a good death. All the money in the world couldn't buy the death he had with his family all around.' The nurse put her arms around me and said, 'He must have been a happy man.' There's just something about the unit. The people care so much."

In a situation, though, where staff are called on to give so much, where skills overlap and vocational boundaries become blurred, professional fall-out is inevitable. "There is a problem with burn-out," acknowledges Tanguay. "Our resource people are pioneers, and there is a lot of trial and error."

Mount agrees: "If I didn't think there was a lot of stress, I wouldn't have gone to the trouble of having a psychiatrist available one day a week, whose first priority is the staff. We have taken people with a high need to serve and set them an impossible task: meeting the physical, psychosocial, and spiritual needs of patients and families. It may be that people should only work in this area two or three years at a time."

On a larger scale, Mount warns of storm clouds gathering over the hospice movement as a whole. He points to a major study now underway, mandated by the U.S. Congress, that may determine the fate of American hospices. The study attempts to measure two things — the cost of palliative care and its contribution to the patient's quality of life. But Mount thinks that the approach of this hospice study is inadequate because it fails to evaluate the impact of palliative care on the family as a whole.



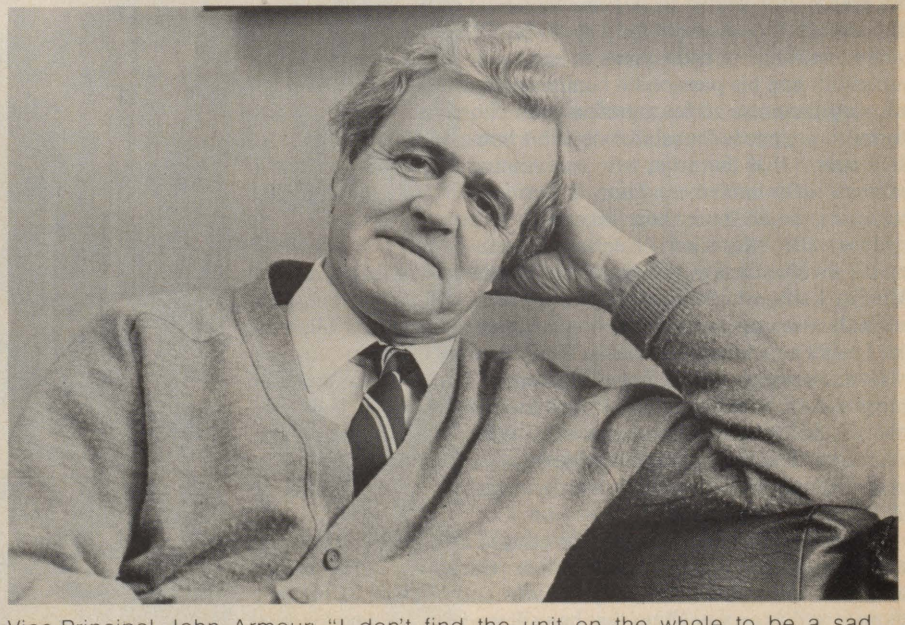
In the Palliative Care Unit, the last days of living can be a time of enrichment and fulfilment.

Photos courtesy of the National Film Board

"Our unit of care is the family," says Mount, who regards his unit's efforts to encourage acceptance, communication, and reconciliation within the family as a kind of preventive medicine. He explains that after the death of a family member "there is a high incidence of suicide, cardiovascular death, functional disorders, and visits to the family doctor among the bereaved."

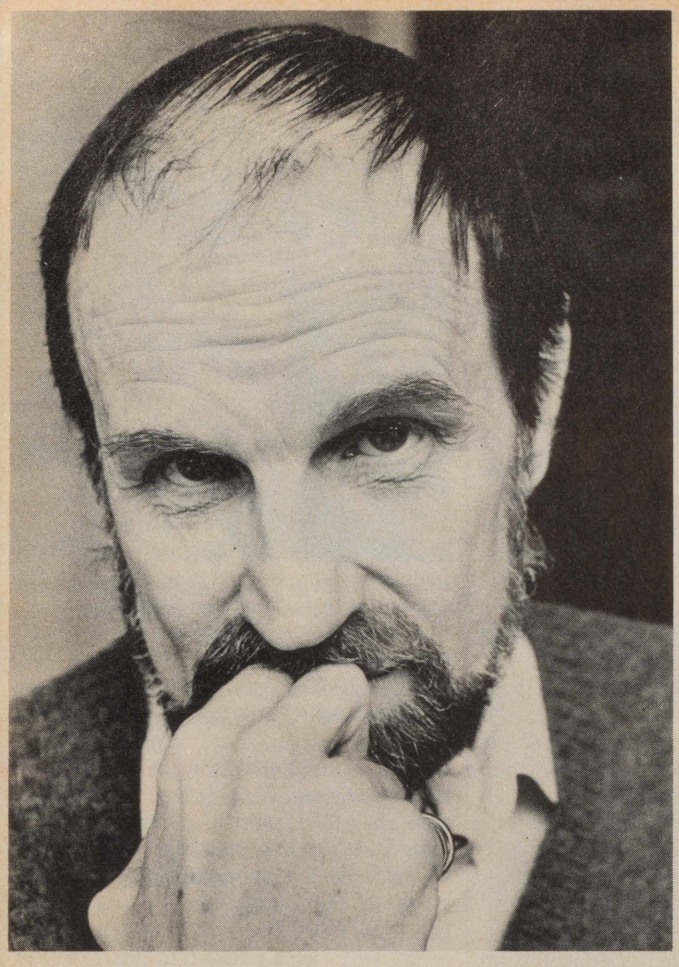
In fact, in addition to granting the patient a meaningful death, the medical and social needs of the family are addressed for a year to come. A double gift to society is thus provided by a service that has been labelled a death ward. In truth it's a life ward, where the meaning and quality of one's final days are emphasised along with the requirements of good health care.

"There are moments of sadness on the ward, and laughter and fun," says Smyth. "The emphasis is on living." □



Vice-Principal John Armour: "I don't find the unit on the whole to be a sad place."

Vivian Kellner



Photos by Vivian Kellner

Brian Macdonald: All the world's his stage

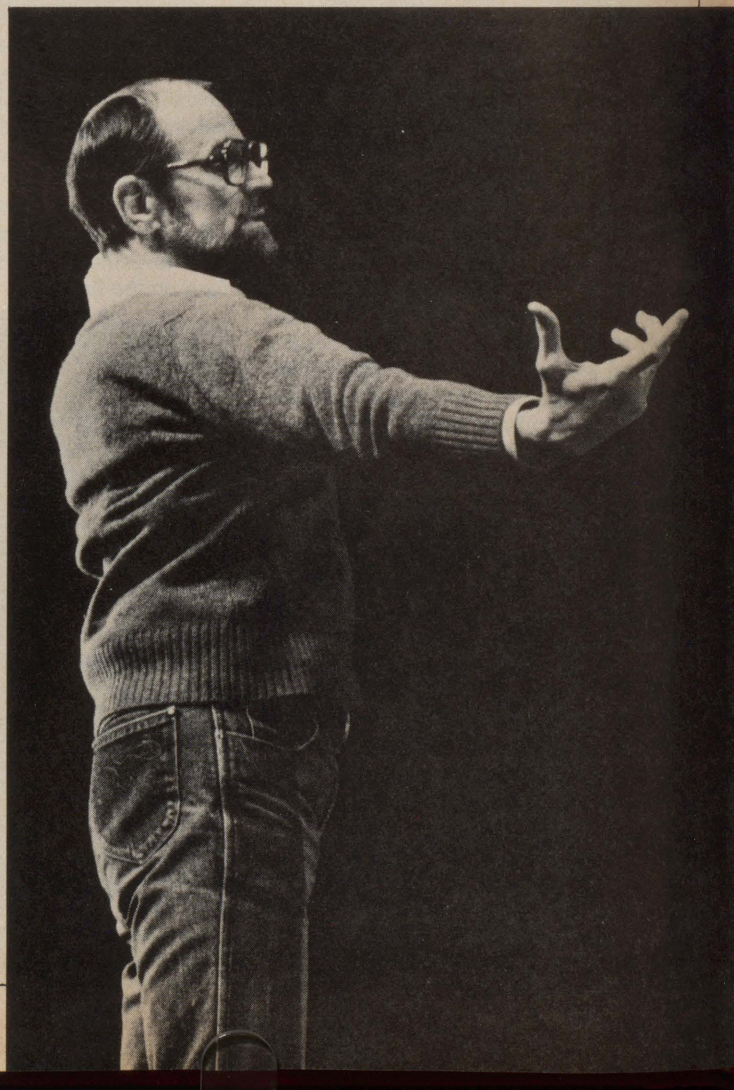
by Philip Szepora

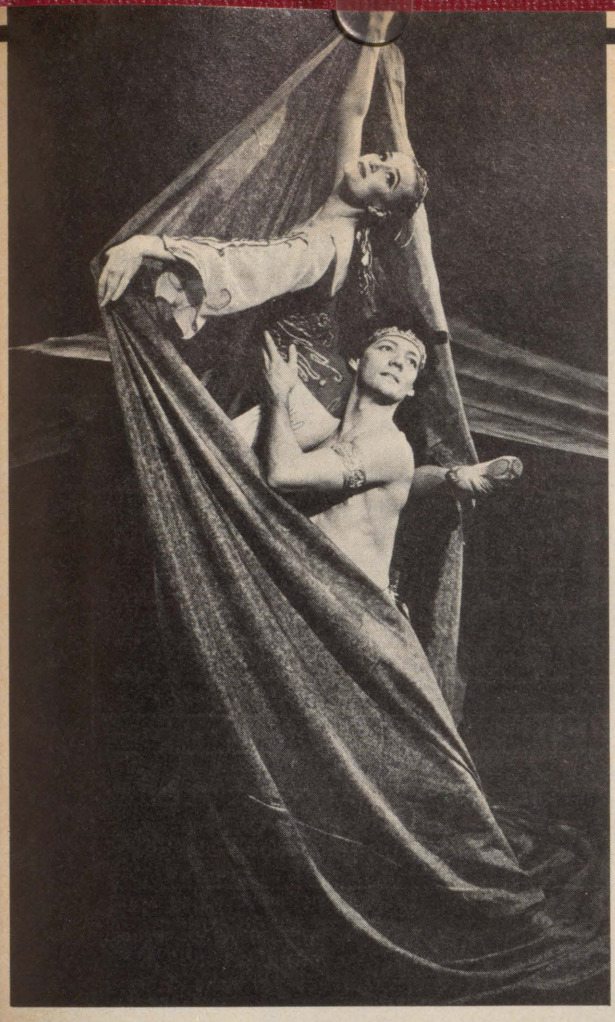
Brian Macdonald, BA'54, resident choreographer of Les Grands Ballets Canadiens, leads a hectic life. Immediately after his evening interview with the *News*, he was hard at work with Ludmilla Chiriaeff — founder of Les Grands — reviewing the score for one of his newest pieces. The following day, he flew to Toulouse, France, to direct the opera *Faust*. This year alone his artistic energies will embrace the direction of the operetta *The Gondoliers* at the Stratford Festival; the creation of new ballets for the fiftieth anniversary of the Banff Centre and the twenty-fifth anniversary of Les Grands Ballets Canadiens; the direction of an opera *Cendrillon* for the New York City Opera; and the preparation of two television features, *The Mikado* for CBC-TV and *The Newcomers* for Pay-TV's C channel.

Such a range of endeavours is testimony both to Macdonald's versatility and his passionate commitment to the role of artist. "I am very fortunate to be a professional choreographer," he says, during a rare pause for relaxation at his home on Montreal's Carré St. Louis. "It is the artist who can emphasise the beauty that is inherent in the human condition. The artist can be a spokesman for humanity, much more than the church or politicians."

Ironically, Macdonald's serious artistic career was advanced by his involvement in the singularly lighthearted McGill review, *My Fur Lady*, which he was persuaded to direct after working for a while as a dancer with the National Ballet of Canada. Following the *Lady's* nationwide success in 1957, he went on to choreograph twelve new works for the Royal Winnipeg Ballet. He was for three years artistic director of the Royal Swedish Ballet and, for two seasons, held the same position with the Harkness Ballet in New York City. His choreographic achievements have been recognised by a number of honours and awards, including induction into the Order of Canada in 1967.

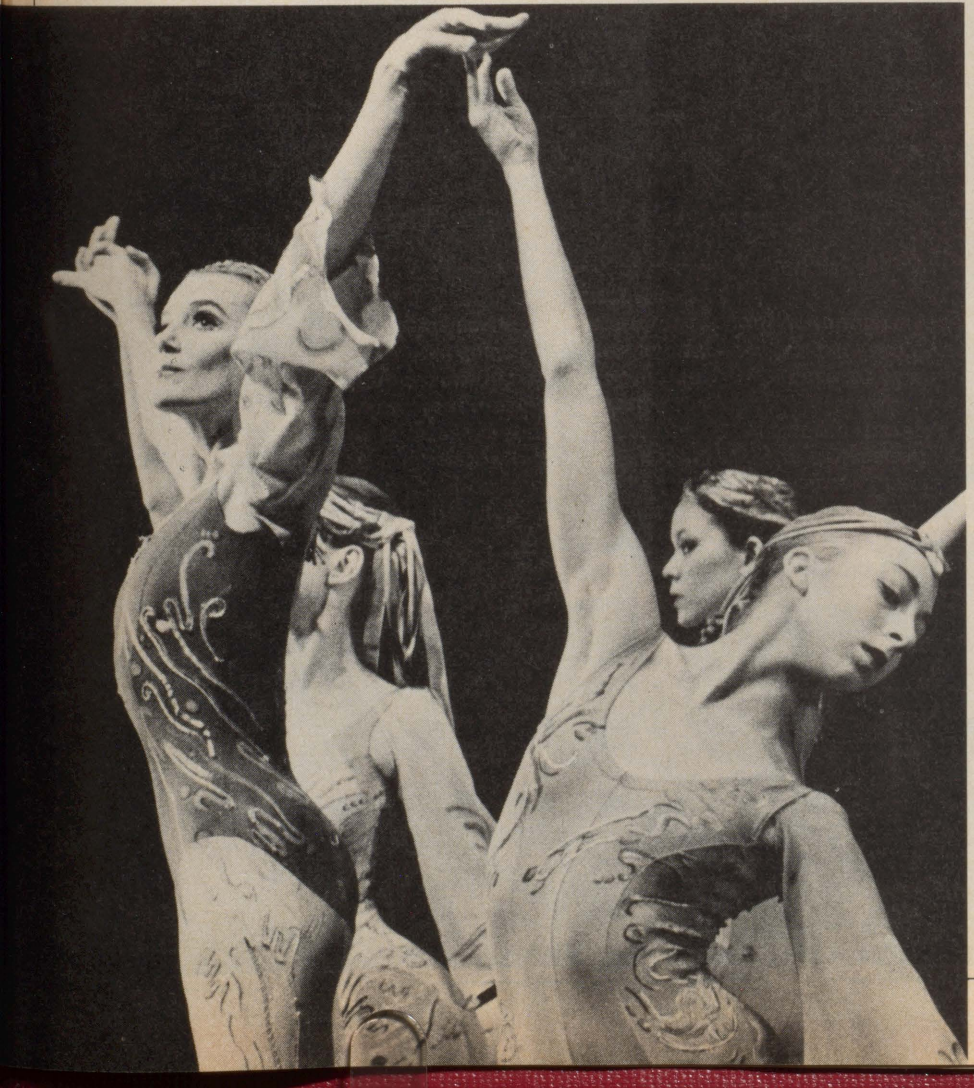
For Macdonald, though, the flowering of his career has been his involvement with Les Grands Ballets Canadiens. He became artistic director of the company in 1974 and in 1977 its resident choreographer — a position that has allowed the full development of his creative talent.







Top Right: In Les Grands' Montreal dance studio Brian Macdonald works with Annette av Paul and David La Hay to perfect the climactic duet of ***Reed Song.*** Top Left: With technical excellence accomplished, av Paul and La Hay perform ***Reed Song***'s precise and demanding choreography at Place des Arts. Bottom: "***Reed Song*** reflects the deep pantheism in native Indian culture," says Macdonald.



His pride in Les Grands is evident. "It is a very good company," he says, "probably more so than people realise. The dancers are receiving an excellent training here; they're very open to movement and they're good with music." He contrasts the originality of the troupe's programmes with the staid pieces normally offered by Canada's more senior ballet companies. "The National is still in the period of *Napoli*," he says, referring to a formal stage dance that epitomises the essence of traditional ballet. "And the Royal Winnipeg is the same. But Les Grands meanwhile does contemporary classics."

Many of Macdonald's own arrangements now fall into this latter category — though sometimes his yen for innovation has inspired as much detraction as praise. He has been described as "the bad boy of dance" and his choreography has been called "too modern for Canada." Even today, despite his international reputation, his work still occasionally provokes hostile comment. His recent piece, *Etapes*, for example, which featured eleven white-clad dancers performing against a backdrop of mirrors, was denounced by one local critic as "inhuman." "A segment of the audience also found it violent," adds Macdonald.

Undeterred by this kind of response, Macdonald prepared some highly innovative pieces for this year's celebration of Les Grands' twenty-fifth anniversary — gala performances that Macdonald describes as a "birthday present for Ludmilla (Chiriaeff)."



Photos by Vivian Kellner

He talks with particular enthusiasm about a piece called *Reed Song*, which was performed at Montreal's Place des Arts at the end of April and featured his wife, Annette av Paul, as prima ballerina. The ballet, scored by Harry Freedman for clarinet and strings, reflects Macdonald's pursuit of something authentically Canadian. "The piece is related to native Indian culture," he explains. "It's reflective of the deep pantheism in that culture, and it's very lyrical."

In *Reed Song*, David La Hay's movements express the contemporary lyricism that Macdonald favours.

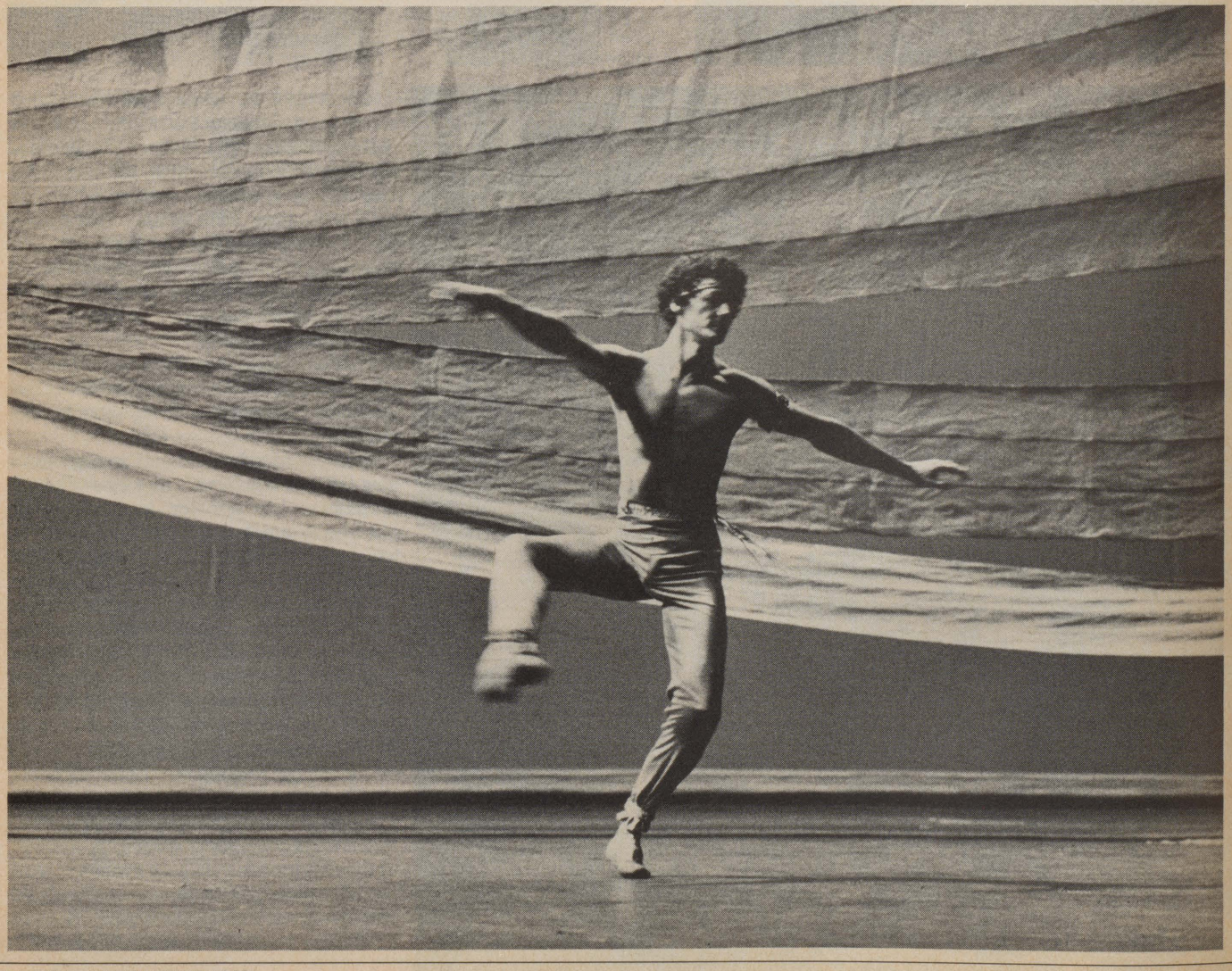
As someone in the *avant-garde* of North American ballet, Macdonald appreciates the work of others who are seeking to explore, sometimes with limited resources, the full potential of dance. He admires, for example, the creativity of Montreal-based choreographer, Edouard Lock. "He is an imagist who uses a minimal amount of movement and props," he says. The work of American dancer, Twyla Tharp, has also attracted his critical approval. One of her pieces for TV called *Bad Smells*, Macdonald found particularly compelling. "It looked derelict and bandaged," he says. "But technically Tharp was using new resources — a synthesizer, angry music — and the piece was strong. With her 'cool' dance technique and knowledge of TV, she made a real statement of the '80s. It was a marvellous piece of theatre."

Inspired by this exciting new generation of choreographers, Macdonald tries to encourage a sense of "modern" movement in his own work, but never at the cost of a technical excellence that he feels is lacking in some contemporary dance performances. He says he likes to work very hard and with honesty, and he expects the same from his dancers. "I want to know that they have got technique," he adds.

Occasionally he betrays a twinge of envy of his fellow choreographers in Europe, where, he says, dance traditions are "more rooted." But he has few regrets about working in Canada despite its economic constraints and lack of a strong ballet tradition. "In Europe," he feels, "there is a balletic straitjacket, and dance is still basically seen as decorative." By contrast, he says, "French Canadians have a very deep sense that dance is an explorative opportunity."

Looking ahead to the future of dance in Canada, he predicts that Pay-TV will become an increasingly important medium for presenting ballet. But he warns: "This medium is not for newcomers!" The TV format, he says, limits the communicative elements of dance, such as body movements and facial expressions. On TV, greater emphasis must be placed on sound, lighting, and costuming than in a dance studio performance.

Having worked with television since the early sixties, Macdonald feels just as much at home in a Montreal CBC-TV studio as in the opera house in Toulouse, France. And whatever vehicles of expression he adopts in the future, it is certain that his work will always reflect his profound belief that "it's an extraordinary gift to be involved in the performing arts." □



Cashing in on the chip:

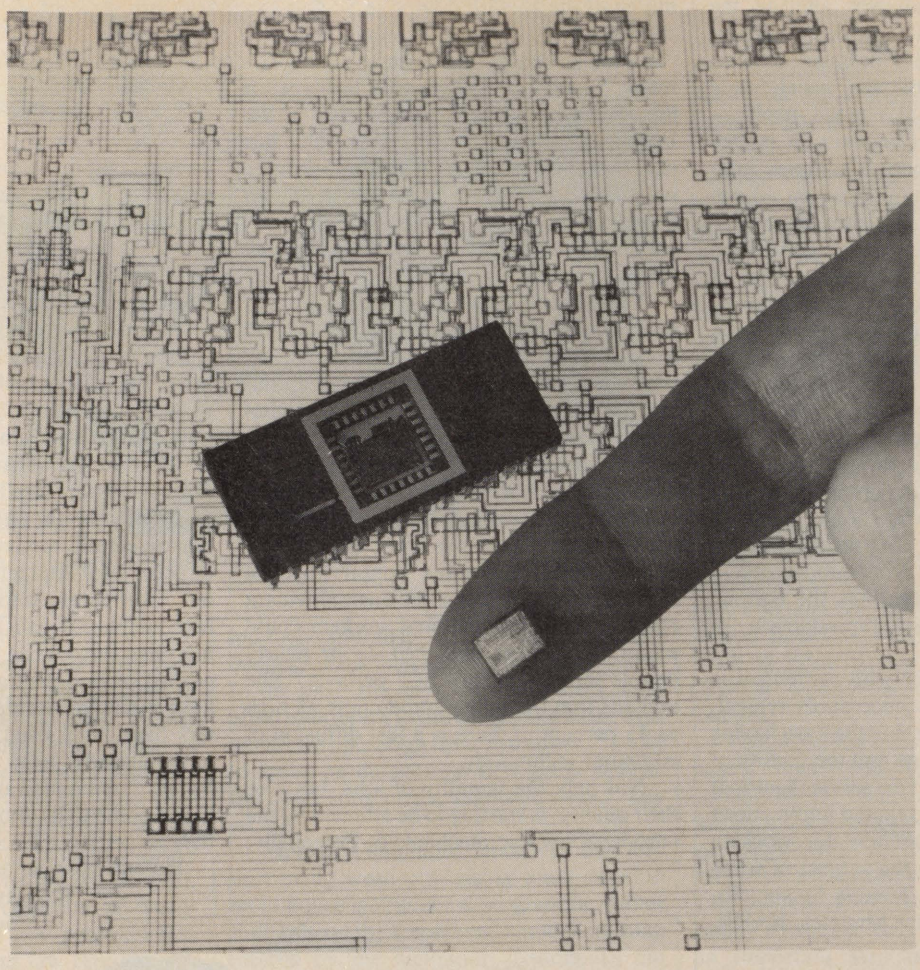


Photo courtesy of Bell-Northern Research

McGill enters the era of microtechnology

by John Sainsbury

McGill's computer system has come of age. Over twenty-two years ago, the McGill Computing Centre was established to provide this new technology for university administrators, managers, and academics. Like any recent technological arrival, it was embraced by some and shunned by others. Today few can escape its influence.

Terminals linked to the main computer facility in Burnside Hall now extend to virtually every part of the campus. Students in the university residences, for example, use newly-installed terminals to analyse scientific data and complete written assignments (deploying McGill's word-processing programme known as MUSIC-SCRIPT). In the Faculty of Education, future teachers are obliged to complete a course on the administration of education in Quebec with the computer functioning as both instructor and grader.

Such deployment of the main computer facility will become more extensive and sophisticated, according to Professor David Thorpe, director of the McGill Computing Centre. He predicts that as more of McGill's population becomes "computer literate," terminals will be employed for some hitherto unexpected purposes. "The computer is already used to teach a course on classical mythology," he says. And he notes that on the seventh floor of the Leacock Building, historians are joining economists, sociologists, and political scientists in front of the terminals provided by the Social Sciences Statistical Laboratory. Looking to the future, Thorpe feels that the potential of computers for graphic design will become utilised more fully. "In the School of Architecture, I expect that more and more design work will be done on computers rather than on drafting boards," he predicts.

Few in the academic sector would now dispute the value of computers, both as aids to instruction and as a means of storing, analysing, and presenting data. But the impact of the new technology at McGill goes far beyond its direct contribution to teaching and research. Computers are also

transforming the way in which managerial and clerical functions are performed within the university.

In this respect McGill is sharing in a revolution that is radically altering the character of white collar work throughout the industrialised world. This transformation has been hastened by the accelerating thrust of technological change itself — specifically by the refinements in microelectronics that now permit complex integrated circuits to be imprinted on silicon chips no larger than a baby's fingernail. Such miniaturisation has made computers cheaper and vastly extended the number of clerical processes that can be efficiently automated. From being used for large-scale data processing (for example, in McGill's payroll department), computers are now used in a wide range of office functions.

At McGill, the trend is apparent in the rapid diffusion of personal minicomputers, independent of the main computer network emanating from Burnside Hall. Some of these are employed for data processing, but others are specifically word-processors — an application that expedites the editing, storage, retrieval, and reproduction of written material.

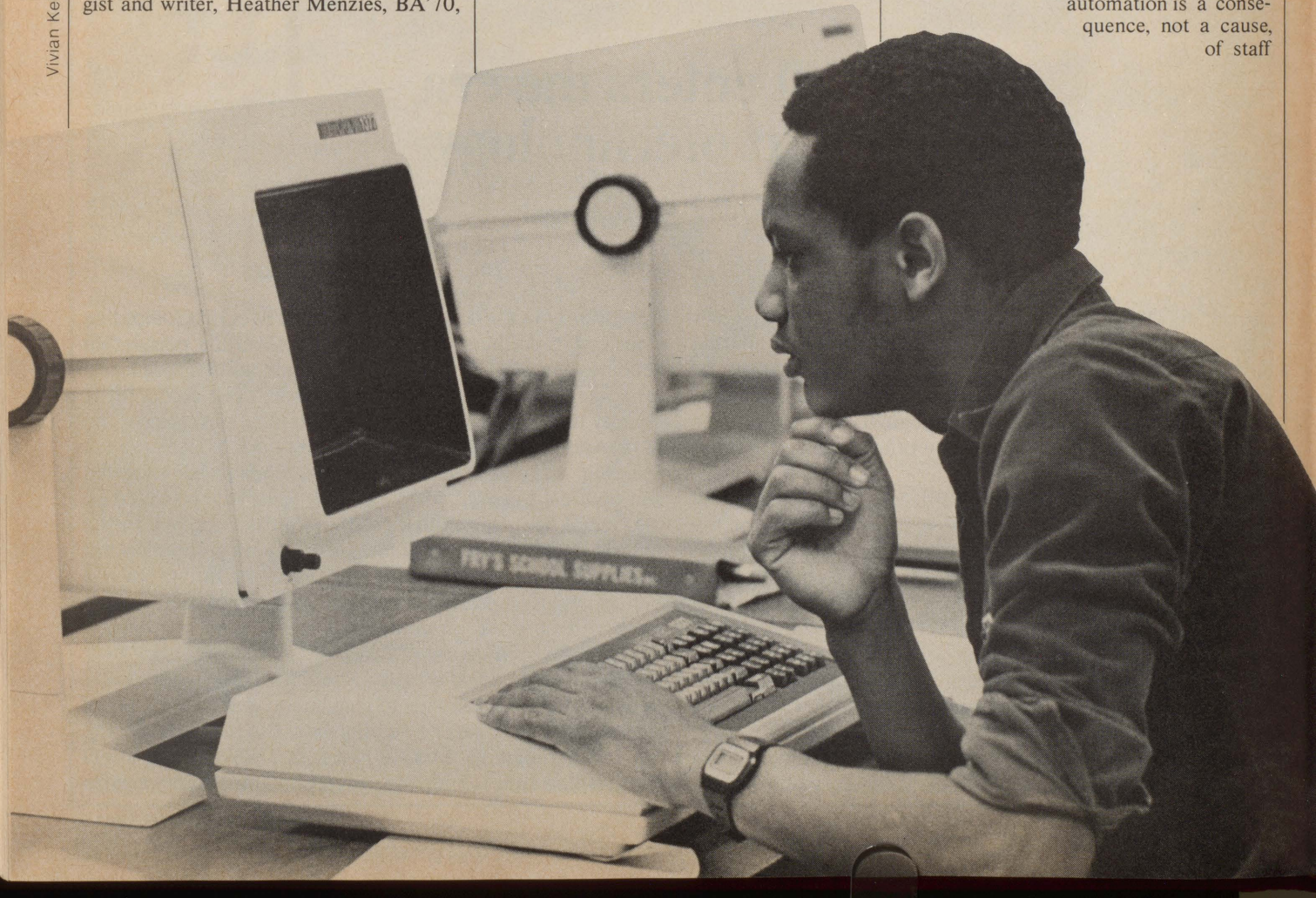
McGill's experience with computers is illustrative, though not necessarily typical, of the profound impact that they are having on employment patterns and the quality of working life throughout the service sector of our economy. The aggregated implications of these changes, especially for working women, are becoming the subject of some serious investigations, notably by sociologist and writer, Heather Menzies, BA'70, author of *Women and the Chip* and *Computers on the Job*. Responding to the issues raised by Menzies in *Women and the Chip*, the Continuing Education Committee of the McGill Alumnae Society co-sponsored last April a conference on "Microtechnology and Women's Employment: Impacts, Problems and Policies for the Future." Mounting concern about the impact of computers in the work place has also prompted a Labour Canada task force on microelectronics and employment. Its findings have recently appeared in a report entitled *In the Chips: Opportunities, People, Partnerships*.

The consensus of these investigations is that computer technology is posing a threat to employment, especially in clerical sectors where women have traditionally predominated. What's more, the studies indicate that unless measures are taken to reverse current trends, employment prospects are grim for clerical workers in the coming decades. Says Menzies in *Women and the Chip*: "Even under the most benign of... scenarios and the most conservative of labour-force projections, the unemployment rate among female clerical workers could attain 12 percent by 1990 — or nearly double the present rate of 7 percent." She reckons that the figure could climb as high as 41 percent, if there is a fast diffusion of computer technology.

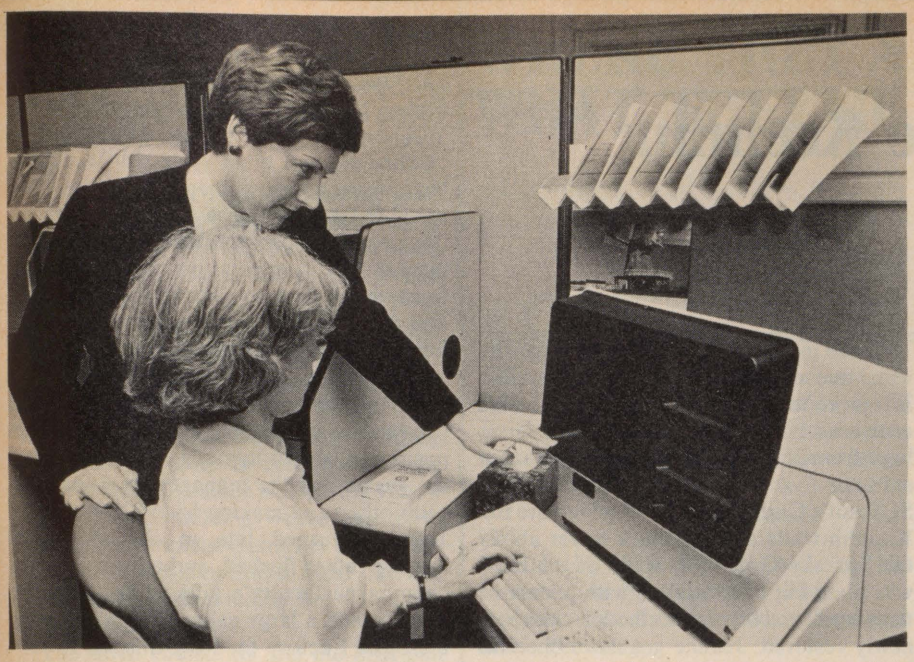
Not only the quantity of jobs, but also their quality, is starting to be affected by the introduction of microtechnology. Potentially, computers are a liberating force — freeing people from boring, repetitive tasks so that they can employ their talents in more challenging work. But in practice computers frequently diminish the range of job skills required in clerical functions and reduce clerical work to the tedious responses associated with the industrial assembly line. "The computer's silent monitoring of every action and its implicit pressure for greater output...depersonalises the work place," says Menzies. She points to the example of supermarket cashiers "whose performance is measured by the number of keystrokes per hour as they use their electronic cash registers."

Against this background of accelerating change in the character of clerical employment, the diffusion of computer technology at McGill is naturally provoking considerable interest and some concern. There is no doubt that its introduction has been a critical element in allowing a reduced work force to maintain an undiminished level of non-academic services. But as John Bates, director of Management Systems, points out, computer automation is not itself responsible for causing lay-offs. Rather it has been introduced to mitigate the effects of staff reductions that contracting budgets have made inevitable. "Generally computers have been used in areas where there have already been cutbacks," explains Bates. "Administrators and department heads come to us about computers because they're getting a backlog of work."

Hélène Marion, assistant to the dean of the Law Faculty, agrees that automation is a consequence, not a cause, of staff



Vivian Kellner



It's important to realise that word-processors are operated by human beings, not robots, says Hélène Marion (left), assistant to the dean of Law.

reductions — though she had the foresight to initiate word-processing in the Law Faculty eight years ago, in anticipation of an inevitable loss of clerical jobs. Today, inside the elegant brownstone walls of Chancellor Day Hall, she oversees McGill's most automated faculty office. She estimates that clerical productivity has increased here by forty percent, easily compensating for the reduction in staff. What's more, the introduction of word-processing has allowed law professors to edit research papers and law reports with more dispatch and accuracy than before.

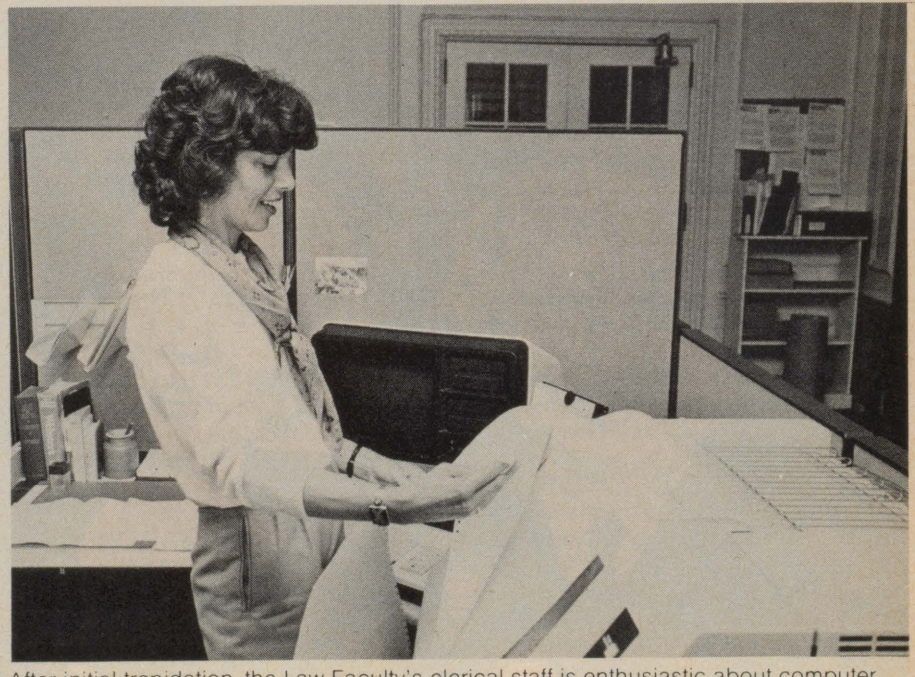
While the future impact of automation on employment levels at McGill must remain a matter of conjecture, the university seems to have escaped the degradation of the work place that the computer has often inflicted elsewhere. At McGill there is no centralised pool of clerical labour, whose work is monitored by machine. "Typically word-processors are clustered at the departmental or faculty level," explains Bates. "There is not a lot of need for lateral communication between different sections of the university."

Within each unit deploying word-processors and other forms of computer technology, the impact of microtechnology on the quality of the work environment largely reflects the sensitivity and expertise of those responsible for its introduction. In this connection, the efforts of Marion — the first Canadian to be elected to the executive board of the International Information/Word Processing Association — could well serve as a model for the rest of the university. From the first installation of word-processors in the Faculty of Law, she has paid scrupulous attention to the needs and comfort of the clerical staff. "The machines are operated by human beings, not robots," she says. "And so it's essential to provide people with proper seating and lighting, and also with good ventilation because the printers generate a lot of heat." In the past, she says, manufacturers were often indifferent to the comfort of those who would be operating their machines. "I had to insist on detachable keyboards against the objections of the manufacturers," she recalls.

Marion is emphatic, moreover, that any unit using word-processing must develop an in-house instructional programme, rather than rely on the sometimes cursory training offered by the computer vendors. In the Law Faculty, this instructional programme is reinforced by frequent meetings between the clerical supervisor and her staff. "The key to the successful introduction of word-processing really boils down to good communications," Marion concludes. Her diligence has paid off handsomely, not simply in productivity, but also in clerical morale. After some initial trepidation, her staff have now become enthusiasts for computer technology, and Marion reports that absenteeism — a key indicator of employee dissatisfaction — has dropped substantially from previous years.

Despite the efforts of word-processing pioneers like Marion, some members of the McGill community remain concerned about the impact of computer technology. For example, Barbara Heppner, an assistant professor in the School of Social Work, feels that the university could be doing more "to provide options for redundant clerical workers, and for those experiencing increased work stress as a result of automation." And like the executive of the McGill University non-Academic Staff Association (MUNASA), she is urging the university to implement the health and safety guidelines in the report of the Labour Canada task force on microelectronics and employment. This document includes a recommendation that pregnant women should have the right to be moved from work in front of video display terminals (VDTs), without loss of pay, seniority, or benefits.

The administration has responded to health concerns by establishing an *ad hoc* committee — composed of medical and technical experts from a number of university departments — to examine suspected problems associated with the use of VDTs. The university's response will surely not satisfy everyone; but it may well represent an important step in ensuring that, at McGill, the technological miracle of the computer will serve the interests of the academic community without jeopardising the health and welfare of its service workers. □



After initial trepidation, the Law Faculty's clerical staff is enthusiastic about computer technology.

Photos by Harold Rosenberg

PERSPECTIVE

Moonlight on the Kremlin

by Dr. Robert E. Bell

My wife Jeanne had never wanted to go to Russia. The idea just didn't appeal to her. I had been there twice without making her in any way envious, but when I was slated to attend the August 1975 meeting of the International Association of Universities (IAU) in Moscow, I insisted that she come along. The weather would be good, the company would be interesting, and the Russian efforts to entertain the visitors would be at their peak. Jeanne agreed, but with restrained enthusiasm.

I got the trip off to a bad start by buying our tickets from Aeroflot. We found that there was none of this capitalist nonsense about a separate first class; we economy passengers did not have to go behind the plastic curtain. Alas, we soon discovered that the rows of seats, well separated at the front of the cabin, gradually drew together towards the rear. Far back, where we sat, the seats seemed more crowded than I had ever seen on a commercial airliner. Who sat at the front? Russian officials, of course.

Once in Moscow, we went through the usual queues and eventually were installed in our room in the Hotel Rossiya. This enormous hotel, built around 1966, is set back from one end of Red Square. Its main entrance looks out on the onion domes of St. Basil's Cathedral, behind which are the Kremlin walls and the clock tower above the Spassky Gate. Our room at the back was plain but comfortable, with a view of three small and beautiful orthodox churches, newly restored. Jeanne got more cheerful by the moment.

The IAU meetings were held at Moscow University. The pace of the meetings allowed us time to get around Moscow a bit. We used the Metro a lot; I am something of a public transport freak. If you can transliterate the name of each metro station within the time it takes to get there from the preceding one, the Roman alphabet Intourist map of Moscow will get you around pretty well.

Jeanne found most of the spouses' programme booked up. She could have gone to see the State Factory for Ring-Shaped Rolls (where else would such a programme offer a tour of a bagel factory?). She passed that up, but she did go to see the State Champagne Factory one afternoon.

The Russians are great consumers of champagne and other fizzy drinks. Their champagne comes in the usual bottles with metal foil around the neck, but the production process dispenses with all that tiresome business of fermentation in the bottle, freezing the neck to remove the sediment, and the rest; they turn out the champagne forthrightly in thirty days. A visiting Frenchwoman was initially very haughty about the Russian champagne, but as the sampling of the various grades proceeded, she became positively benign towards it. Before long, the guests and the manager were toasting each other and making friendly speeches. Jeanne returned late in the afternoon looking rather flushed, and bearing, as the champagne factory's gifts, a bottle of its product and a large cake. It certainly beat the State Factory for Ring-Shaped Rolls.

The big social event of the meeting was the banquet in the St. George's Hall of the royal palace of the Tsars inside the Kremlin. The hall of this order is a beautiful long narrow room with an arched ceiling, all spotless white and gold, and crystal chandeliers. In the reveals of the tall windows the names of the members of the Order of St. George were carved in the stone, the incised letters filled with gold leaf. I have never been in a more spectacular room.

Down its length, there was a long table holding a solid line of bottles of every conceivable drink from soda water to



David Rosen

Armenian brandy. The rest of the table was covered with plates of the most delicious food. After a few speeches, we ate standing up, buffet style, with attendants to ply us with food and wine. Our hosts had indeed pulled out all the stops.

After dinner, I realised that we were only a modest walk away from the hotel by the direct route through the Spassky Gate and Red Square. I suggested that we go that way and Jeanne agreed. We slipped away from the official buses and entered fairyland.

It was a gorgeous August night with a big moon. The Kremlin of course is a fortress, but inside the walls there is nothing grim about it. One is conscious of the yellow and white palace and the big yellow and white office building (where I wanted to believe that Brezhnev and his colleagues had their offices), but on a night like this one is mostly impressed by the cathedrals and historical markers.

The three cathedrals and the high bell tower stand on the sides of a large paved courtyard, with modest but effective floodlighting. Under that moon, it made a scene of extraordinary beauty. We wandered around looking at the statues and at the great Tsar bell, which never rang, and the great Tsar cannon, which never fired. Across the downslope to the Moscow River we could see the city stretching away; Moscow is not brightly lit at night, and the effect was mysterious rather than brilliant.

It was beautifully quiet, and best of all, we seemed to be quite alone. I have no idea what security arrangements are in effect in the Kremlin at night, but they were certainly not evident while we were there.

We emerged from the cathedral area and crossed another space towards the open Spassky Gate. From there we could look back and see the domes of the cathedrals and the top of the bell tower floating in the moonlight.

This dreamy mood was shattered by the loud blast of a police whistle. "Oh Lord," I thought, "now we'll have some explaining to do." The whistle-blower was a uniformed guard who had materialised from somewhere and was now waving his arms at us. It took a few seconds to realise what he was driving at. A car was approaching at some speed along the roadway from the far side of the Kremlin, and the guard didn't want us to get caught in the middle of the Spassky gateway. We moved aside to let the car through the gate, and then with a wave from the guard we emerged into Red Square.

After all this, is Jeanne looking forward to having another trip to the U.S.S.R. some day? I haven't tried to pin her down definitely, but I'm pretty sure the answer would be no. □

Robert E. Bell, PhD'48, DSc'79, was Principal of McGill from 1970 to 1979 and is currently Rutherford Professor of Physics at the university.

WHERE THEY ARE AND WHAT THEY'RE DOING

'23

ROYDEN M. MORRIS, BCom'23, is still active as a freelance writer and researcher, working out of his home in Mississauga, Ont.

'24

FRED HOWES, BSc'24, MSc'26, has published a book entitled *This is the Prophet Jesus: An Evolutionary Approach to his Teaching.*

'27

JOHN G. PORTEOUS, BCL'27, is active as a counsel with the Montreal law firm of Ogilvy, Renault and also as chairman of Les Ressources Camchib Inc., a producer of gold and copper.

'30

ALICE KANE, BA'30, has published a book entitled *Songs and Sayings of an Ulster Childhood.*

'35

R.A. BROWN, BA'35, MSc'36, PhD'39, has been appointed to the board of directors of Ange Gold Exploration Ltd., in Victoria, B.C.

'36

B. EDMOND THOMAS, MD'36, a life fellow of the American College of Surgeons and a founding and life fellow of the American College of Obstetricians and Gynecologists, was recently appointed to the office of president-elect of the Palm Beach Society of Obstetrics and Gynecology, in Florida.

'39

J. GORDON TELFER, BCom'39, has been appointed senior vice-president of Montreal Trust.

'46

ELIZABETH HOYT-BROWN, BA'46, who practices law in St. John, N.B., has been named a Queen's Counsel by the provincial cabinet of New Brunswick.

'47

JACQUELINE OSTIGUY, BCom'47, is director of the Quebec Heart Foundation.

'48

KARRE R. OLSEN, BEng'48, a resident of Hudson, Que., has been appointed president and chief executive officer of Atlas-Gest Inc., which was formed recently through the amalgamation of the Atlas and Gest group of companies.

'49

GILBERT ROSENBERG, BSc'42, MD'49, MSc'56, DipIntMed'56, is currently physician-in-chief of the geriatric division of St. Mary's of the Lake Hospital, Kingston, Ont., and has recently been appointed chairman of the advisory and medical administrative committees of the Canadian Geriatric Research Society.

'50

W.E. ("TED") BEMBRIDGE, BSc'50, president of Merck Frosst Canada Inc., in Kirkland, Que., has been reappointed as chairman of the Pharmaceutical Manufacturers Association of Canada.

GEORGE G. FLATER, BEng'50, has been appointed executive vice-president of British Columbia Forest Products Ltd.

GLENN B. RUITER, BEng'50, has been appointed manager, manufacturing operations, of Chrysler Corporation's reactivated St. Louis, Mo., Assembly Plant No. 2.

'51

JOHN ARCHIBALD CARMICHAEL, MSW'51, a pioneer in the rehabilitation of the physically handicapped, has been admitted to the degree of Doctor of Laws at the University of Winnipeg, Man.

'52

KIM (KIMBARK) ONDAATJE, BA'52, an artist, photographer, and filmmaker has published a book entitled *Small Churches of Canada.*

'53

JOHN S. ASTLE, BCom'53, a resident of Fredericton, N.B., has been appointed Auditor General for the province of New Brunswick.

THOMAS J. BOAG, DipPsychiatry'53, has been appointed vice-principal for health sciences at Queen's University, Kingston, Ont.

IAN CHRISTIE CLARK, BA'53, MA'58, has been appointed Canada's ambassador and permanent delegate to UNESCO, in New York City.

JAMES H. SMITH, BCom'53, is president and chief executive officer of Domtar Inc., in Montreal.

'54

BERNICE GRAFSTEIN, PhD'54, professor of physiology at Cornell University Medical College, has been appointed to the National Advisory Neurological and Communicative Disorders and Stroke Council.

JOHN W. McGILL, BCom'54, has been appointed president and chief executive officer of Canadian Liquid Air Ltd., in Montreal.

DR. CYRIL J. TUNIS, BEng'54, MSc'56, manager of technical operations at IBM Corp., Endicott, N.Y., and a Fellow of the Institute of Electrical and Electronic Engineers (IEEE), has been elected treasurer of the institute by the IEEE assembly.

'55

WILLIAM D. BAILEY, BEng'55, has been appointed director of product development of Interprovincial Steel and Pipe Corp. Ltd., in Regina, Sask.

L. ROSS CAMPBELL, BEng'55, has been appointed group vice-president, transmission, of Northern Telecom Canada Ltd.

EVELYN (WRIGHT) MARSHALL, BA'55, has been appointed headmistress of The Study in Westmount, Que.

CHARLES D. PARMELEE, BEng'55, DipMgmt'59, is executive vice-president of Denison Mines Ltd., in Toronto, Ont.

RAYMOND R. PINARD, BEng'55, a resident of Montreal, is executive vice-president of Domtar Inc., and chairman of the Canadian Pulp and Paper Assoc.

MORRIS H. WECHSLER, BSc'53, DDS'55, has been appointed chairman of the department of orthodontics, Faculty of Dentistry, University of Montreal.

'56

LOUIS HOLLANDER, BEng'56, has been appointed vice-chairman and chief executive officer of Reichhold Ltd., in Islington, Ont.

BERNARD PEREY, MD'56, MSc'60, DipSurgery'82, has been named head of the department of surgery at Dalhousie University, and head of the department of surgery at Victoria General Hospital, both in Halifax, N.S.

'57

DR. ISAIAH A. LITVAK, BCom'57, is professor of business and public policy, Faculty of Administrative Studies, at York University, Downsview, Ont.

THOMAS B. RANCE, BEng'57, has been appointed vice-president, manufacturing, of Chesebrough-Pond's (Canada) Inc., in Markham, Ont.

PETER REGENSTREIF, BA'57, a political science professor at the University of Rochester, is steering Peter Pocklington's bid to become leader of the Conservative party.

HARVEY M. ROMOFF, BA'57, has been appointed managing director, Canadian Pacific Steamships Ltd., in London, England.

'58

HOWARD S. ROTHMAN, BEng'58, has been appointed president of Howard Stuart Georgia Inc., a real estate development and construction company based in Atlanta, Ga.

'59

ALLEN WAINBERG, BSc'57, DDS'59, is an assistant professor in the division of periodontology, Faculty of Dentistry, McGill University, and also secretary-treasurer of the Canadian Academy of Periodontology.

'60

B.E. NOVAK, BEng'60, DipMgmt'73, is vice-president, operations (northern region), of Stanley Associates Engineering Ltd., in Edmonton, Alta.

'61

THOMAS E. KIERANS, BA'61, is president of the Toronto, Ont., stockbroking firm, McCleod, Young, Weir Ltd.

DAVID PICKERSGILL, BEng'61, has been appointed president of Genstar Structures Ltd., in Calgary, Alta.

'62

MAURICE BROSSARD, PhD'62, has been appointed vice-president, biotechnology, of La Société générale de financement du Québec.



CARE

C

A Millions of children desperately need basic food, shelter,

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JOHN ("JAKE") EBERTS, BEng'62, head of London-based Goldcrest Films and Television, provided the financing for the $22 million, Oscar-winning movie, *Gandhi.*

RICHARD K. GUILIANI, BSc'62, manager of the Great West Life Assurance Co., in Hamilton, Ont., has been re-elected for a second term as chairman and chief executive officer of the 20,000-member Life Underwriters Association of Canada.

'63

MICHAEL A.P. BECK, BA'63, has been appointed executive vice-president, life and pension operations, of the Prudential Assurance Co., Ltd.

ANDREW H. KURSELL, BEng'63, has been appointed manager and chief engineer of Eaglet Mines Ltd.

GARTH STEVENSON, BA'63, MA'65, professor of political science at the University of Alberta, recently spent a month in India lecturing at seven universities on Canadian politics.

NIGEL SVAMI, BA'63, has been appointed manager, marketing development and estate service department, of Canada Life Assurance Co., in Toronto, Ont.

'64

RUDOLPH J. IONIDES, MEng'64, vice-president of Bechtel Canada Ltd., has been appointed manager of that company's Toronto office with responsibility for its mining and metals operations in Canada.

PETER KINGSTON, BSc'64, is a founding member of Kingston, Goulbourn and Associates, a Don Mills, Ont., consulting firm specialising in a wide range of computer applications.

'65

JOEL BELL, BA'62, BCL'65, is the new president of the Canadian Development Investment Corp., in Ottawa, Ont.

JOCELYN A. HEZEKIAH, BN'65, has been appointed director of the Health Sciences Division at Grant MacEwan College in Edmonton, Alta.

ANNE (STALKER) MacDERMAID, BA'65, has been reappointed archivist at Queen's University, Kingston, Ont., for a second five-year term.

DR. DANIEL RONCARI, MSc'65, an endocrinologist, has been appointed to the Julia McFarlane Chair in diabetes research in the Faculty of Medicine, University of Calgary, Alta.

'66

PETER P. DENES, BSc'66, has been appointed vice-president, marketing and corporate planning, of Delisle Foods Ltd.

JACQUES A. DROUIN, MBA'66, has been appointed executive vice-president, general insurance, of the Laurentian Group Corp., in Montreal.

ROBERT HEBERT, BA'66, BSW'74, is a counsellor with the department of social services in Saint John, N.B.

CORRINE PROPAS-PARVER, DipPt'64, BPT'66, practices health and labour law with Dickstein, Shapiro, and Morin of Washington, D.C., and was recently awarded the degree Juris Doctor *cum laude* by the Washington College of Law, American University.

DAVID D. RODIER, BEng'66, has been appointed plant manager of Canadian Electrolytic Zinc Ltd.

'67

ROBIN BEHAR, BCom'67, runs a one-man Montreal consulting company, Behar Marketing Ltd.

ROGER BROUGHTON, PhD'67, recently participated in an international symposium on "Sleep and Epilepsy" in Bad Kreutznach, West Germany, and also gave a talk at the symposium on "Narcolepsy and the Hypersomnias" at the annual meeting of the Royal College of Physicians and Surgeons, held last fall in Quebec City, Que.

RONALD E. CAPE, PhD'67, is chairman and chief executive officer of Cetus Corp., in Berkeley, Ca., and has recently been appointed adjunct professor of business administration at the University of Pittsburgh.

RICHARD C. OSBORNE, BSc'67, has been appointed general manager of the newly-formed pipelines and liquids marketing department of Home Oil Co., Ltd.

RICHARD POUND, BCom'62, BCL'67, a Montreal lawyer, has been appointed to the nine-member executive board of the International Olympic Committee.

DR. LLOYD H. SCHLOEN, BSc'67, has been appointed programme officer, health programmes, of the Charles A. Dana Foundation Inc., a private non-profit organisation that makes grants to institutions in the United States.

'68

DR. RALPH BENSON, MA'68, is assistant deputy minister, finance and policy, of the Ontario Ministry of Agriculture and Food.

ELAINE CALDER, BA'68, has been named general manager of the Toronto Free Theatre.

MICHAEL CORCORAN, MA'68, PhD'72, is assistant professor and acting head of the psychology department at the University of Victoria, B.C.

JOHN A. McCORMACK, BEng'68, MBA'71, has been appointed as director, manufacturing and technology, in the Ingot Products Division of Alcan Smelters and Chemicals Ltd., in Montreal.

MICHAEL ROSS, BArch'68, an award-winning architect from Kingston, Ont., has been elected to the twelve-member Council of the Ontario Association of Architects.

'69

RAYMOND C. DOUTRE, BSc'69, has been appointed vice-president, personnel and industrial relations, of Nordair, in Montreal.

MARY TROTT, BSc'65, MD'69, is a radiologist on staff at Cariboo Memorial Hospital, B.C.

'70

KEN HAMPSON, BSc'70, BArch'72, is a co-winner of the Credit Foncier Award for architectural restoration for his project the Popliger, in Montreal.

MARTINE ANNE JAWORSKI, BA'70, has been appointed an associate professor in the department of pediatrics at the University of Alberta, in Edmonton, and is currently investigating the immunology of diabetes in man and in an animal model of spontaneous diabetes.

DAVID PHILLIP JONES, BA'70, is the acting dean of the Law Faculty at the University of Alberta, in Edmonton.

JANIS KRAULIS, BSc'70, BSc'77, BArch'78, has edited a book of Canadian landscape photographs entitled *Canada: A Landscape Portrait.*

N.A. SIDKY, MEng'70, DipMgmt'75, has been appointed group vice-president, marketing, of the SNC Group, a large Montreal-based engineer-contractor firm, and president of SNC International Ltd.

ALFRED SZETO, BSc'70, BArch'71, is a co-winner of the Credit Foncier Award for architectural restoration for his project the Murray Selby Shoe Factory, in London, Ont.

ANDREW R. WROBEL, BEng'70, has been appointed manager, engineering industrial department, of ASEA Ltd., in St. Laurent, Que.

'71

MITZI DOBRIN, BA'68, BCL'71, has been named executive vice-president for legal and corporate affairs of Steinberg Inc., in Montreal.

BARRY D. FAGUY, DDS'71, of Pointe Claire, Que., was inducted into the Fellowship of the American Endodontic Society at its recent convocation in Las Vegas, Nev.

DR. ELIZABETH J. HALL, BSc'71, recently passed her examinations for the Royal College of Surgeons (Canada), specialising in plastic and reconstructive surgery.

RICHARD KUZIOMKO, BSc'71, MBA'82, has been appointed as manager, budgeting and forecasting, of CIP.

NORMAN MONTCALM, BCL'71, has been appointed counsel to Imasco Ltd., Montreal.

LAWRENCE D. RAPHAEL, BSc'67, MD'71, a resident of San Bernardino, Ca., and a specialist in cardiovascular diseases, has been elected a Fellow of the American College of Physicians.

TIMOTHY J. STUART, BA'71, is manager of a branch of the Toronto Dominion Bank in Mississauga, Ont., and also treasurer of the Peel Lung Association and a director of the Toronto French School.

BRUCE J. WOOD, BEng'71, MBA'73, has been appointed president, consumer foods division, of Nabisco Brands Ltd.

'72

MYASSAR M. TABBA, MEng'72, PhD'79, is chief engineer with A.M. AL-ISSA, a firm of consulting engineers in Riyadh, Saudi Arabia.

'73

RICHARD E. MOON, BSc'71, MD'73, a resident of Durham, N.C., and a specialist in pulmonary medicine and anesthesiology, has been elected a Fellow of the American College of Physicians.

ALAN PAVILANIS, MD'73, has been named director of the Adolescent and Youth Medicine Service of the Montreal Children's Hospital.

WILLIAM A. SPENCE, BEng'73, is the president of Parfumerie Versailles Ltée., in Montreal, the distributors of Chanel perfume and other products.

'74

KEVIN COELHO, MEd'74, has been elected president of the Montreal chapter of the National Association of Canadians of Origins in India.

'76

PAUL EDMOND DESMIER, BSc'76, MSc'78, PhD'82, is a defence scientist in the Operational Research Division of the Maritime Command Headquarters in Halifax, N.S.

NICK PHOTIADES, DipMgmt'76, is assistant manager at the Federal Business Development Bank, Montreal.

DONNA STEINBERG, BA'76, a self-confessed JAP, has created a literary sensation with the publication of her first novel, *I Lost it All in Montreal.*

NANCY VIVIAN, BA'76, MA'78, has recently obtained a PhD in French literature at the University of Western Ontario and is currently an assistant professor of French at Wilfred Laurier University, Waterloo, Ont.

HARRY WAGSCHAL, MA'76, professor of sociology and humanities and Director of Future Studies at Dawson College, Montreal, has recently published a book entitled *Crisis and Creativity in Modern Education.*

MUHAMMAD S. ZAHRADEEN, PhD'76, has been appointed Deputy Vice-Chancellor (Academic) of Bayero University, Kano, Nigeria.

'77

ETIENNE DANOIS-MARICQ, BEng'77, of Cairo, Egypt, is division technical manager at Schlumberger Overseas' South Gulf Division, in the Middle East.

SYDNEY D. FINKELSTEIN, MD'77, recipient of the 1982 D.W. Penner Award for best scientific presentation by a resident at the Canadian Association of Pathologists Meeting, has successfully completed the examinations of the Royal College of Physicians of Canada in the specialty of anatomical pathology and is currently a research fellow in cellular ischemia and heart failure at the Hahnemann Medical College in Philadelphia, Pa.

PAMELA FLOCH, BA'77, has joined the sales staff of the New York City-based magazine, *House Beautiful.*

'78

PETER S. BIRKBECK, BSc'78, is plastics chemist with Rubbermaid Canada Inc., in Mississauga, Ont.

CLAIRE HOPKINSON, BA'78, is general manager of COMUS Music Theatre of Canada, in Toronto, Ont., and is currently involved in the production of *RA*, a show based on ancient Egyptian rituals that combines elements of opera and theatre.

'79

REV. ODETTE PERRON, STM'79, is the first female priest in Timmins, Ont.

CLAUDIO RAMIREZ, MScAgr'79, is a professor of animal science in Rwanda, Africa, a position sponsored by CIDA.

'80

MICHELLE CONTO, BSc'80, is completing a BSc in pharmaceutical sciences at the University of British Columbia, specialising in neuropharmacology.

SHEREEN MILLER, BA'80, is studying for a law degree at Osgoode Hall, Toronto, Ont.

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VANCOUVER
571 Howe Street
Vancouver, B.C.
V6C 2C2
(604) 687-0011

BRIAN SEYFERTH, BEng'80, is working as an engineer/architect with KDC Architects, in Denver, Col.

'81

MARIO THERRIEN, PhD'81, recently joined the staff of the Agriculture Canada research station in Brandon, Man., as barley breeder/geneticist.

'82

BONNIE SHORE, BSW'82, works for the Montreal YMCA as a crime prevention coordinator and community animator.

PAUL STEWART, BMus'82, recently made his debut as piano soloist with the Montreal Symphony Orchestra, playing Franz Liszt's Piano Concerto No. 2, in A.

DEATHS

'04

REV. JAMES URE STEWART, BA'04, at Seaforth, Ont., on Nov. 8, 1982.

'11

GARDNER SMITH ELDRIDGE, BSc'11, at Vancouver, B.C., on Dec. 21, 1982.

'13

LESLIE (ROSS) ELGOOD, BA'13, on Oct. 15, 1982.

HUGH ERNEST MacDERMOT, MD'13, at Montreal, on Jan. 31, 1983.

'15

W. GREGOR MacDOUGALL, BSA'15, at Sherbrooke, Que., on March 16, 1983.

'17

DONALD RONALD de COURSEY ROSS-ROSS, BSc'17, at Cornwall, Ont., on March 20, 1983.

'20

BERNICE (BOYD) COWPER, BA'20, at Montreal, on Jan.14, 1983.

'21

DOROTHY RUTH MATHEWSON, BA'21, MA'24, at Montreal, on Jan. 21, 1983.

NATHANIEL CAMERON McFARLANE, MSc'21, at Victoria, B.C., on Nov. 20, 1982.

LEWIS ERIC REFORD, BA'21, at Montreal, on Jan. 25, 1983.

'22

CHARLES F. DAVIS, BA'22, MA'23, on Nov. 11, 1982.

PHILIP D.P. HAMILTON, BSc'22, at Don Mills, Ont., on Dec. 2, 1982.

A. GORDON MURPHY, BSc'22, LLD'60, at Oakville, Ont., on Jan. 3, 1983.

'23

JOHNSTON W. ABRAHAM, DDS'23, at Huntingdon, Que., on Dec. 21, 1982.

OLIVER STANLEY CRAIK, BSc'23, on Feb. 15, 1982.

JOHN MacNEIL EASSON, BCom'23, at Mississauga, Ont., on Dec. 9, 1982.

MOSES MARKS, MD'23, on Jan. 5, 1983.

ARTHUR HOYT PEPIN, BCom'23, at Cowansville, Que., on Feb. 5, 1983.

ZERADA SLACK, BA'23, DipPE'24, DipPE'34, at Toronto, Ont., on Jan. 2, 1983.

'24

ANSON McKIM, BCom'24, BA'27, in the Laurentians, Que., on Feb. 5, 1983.

LIONEL ALBERT SPERBER, BA'21, BCL'24, at Montreal, on Jan. 9, 1983.

'25

GEORGE J. DONOVAN, MD'25, at Altoona, Pa., on Nov. 22, 1982.

PHINEAS RABINOVITCH, MD'25, at Montreal, on March 5, 1983.

'26

E.H. CAYFORD, MD'26, at Burlington, Ont., on Jan. 13, 1983.

IAN GORDON HENDERSON, BSc'26, at Toronto, Ont., on Feb. 5, 1982.

CYRIL KAY JOHNS, MD'26, at Stittsville, Ont., on Dec. 13, 1982.

LAWRENCE PATRICK NELLIGAN, BScMed'26, MD'26, at Montreal, Que., on Feb. 4, 1983.

'27

FREDERICK P. ALWARD, BA'27, MA'28, at Montreal, on Feb. 21, 1983.

RICHARD E. DAGG, DDS'27, at Montreal, on Dec. 9, 1982.

DR. JOHN T. HENDERSON, BSc'27, MSc'28, at Perth, Ont., on Jan. 2, 1983.

WILLIAM O. SHARP, BCom'27, CA'27, at Montreal, on Jan. 2, 1983.

JOHN MURRAY WYNN, BCom'27, at Montreal, on Nov. 30, 1982.

'28

ISABEL (GUTELIUS) GORDON, BA'28, at Toronto, Ont., on March 10, 1983.

'29

D. MURRAY ANGEVINE, MD'29, at Madison, Wis., on Feb. 8, 1983.

ROBERT C. BAIRD, BCom'29, CA'31, at Toronto, Ont., on Jan. 28, 1983.

HOWARD L. ELLIOT, BA'22, MD'29, on Sept. 26, 1982.

WALTER E. WHITEHEAD, BSA'29, MSc'31, at Annapolis Royal, N.S., in late December, 1982.

'30

INEZ (PATTON) WEBSTER, BA'30, at Mississauga, Ont., on Dec. 29, 1982.

'31

HENRY WEIR DAVIS, BA'28, BCL'31, at Boca Grande, Fla., on Dec. 18, 1982.

JOSEPHUS C. LUKE, MD'31, at Mount Dora, Fla., on Nov. 30, 1982.

CLARENCE MORTIMER McCULLY, BA'31, at Montreal, on Feb. 25, 1983.

'32

WILLIAM HENRY THOMAS MOREHOUSE, BCom'32, at Oshawa, Ont., on Aug. 12, 1982.

ANTON P. RANDAZZO, MD'32, on Oct. 14, 1982.

'33

ANNIE BEATRICE (CLARK) MUNRO, BA'33, at Montreal, on Feb. 7, 1983.

FRANK LLOYD WILSON, MD'33, at Trail, B.C., in September 1982.

'34

SYDNEY RENA HAMILTON, BSc'34, at Montreal, on March 16, 1983.

'35

ROBERT PRESTON HARRISON, BCom'35, at Detroit, Mich., on Jan. 5, 1983.

MARGARET (GRUER) HOWITT, BHS'35, at Montreal, on Jan. 15, 1983.

'36

ELEANORE (TOWNSEND) HULME, BA'36, at Montreal, on March 18, 1983.

ARTHUR LACOURSIERE, BArch'36, at Shawinigan Sud, Que., on Dec. 31, 1982.

'37

ROBERT G. CANNELL, BA'37, on April 13, 1982.

DOUGLAS GORRELL, MD'37, at Victoria, B.C., on Nov. 25, 1982.

'38

KENNETH A. EVELYN, BSc'32, MD'38, DSc'71, on July 23, 1982.

'39

FERNAND J. DUGAL, BEng'39, at Montreal, on March 14, 1983.

JOHN A. SHEPPARD, MD'39, at Tacoma, Wash., on March 23, 1982.

WILLIAM G. TRIPP, MD'39, on Nov. 10, 1982.

'40

M. MARSHALL KISSANE, MD'40, at Burlington, Vt., on Oct. 2, 1982.

'41

ARNE HELLSTROM, BEng'41, at Chatham, N.B., on Jan. 16, 1983.

'49

DAVID K. WEDDERSPOON, BSc'49, at St. Catharine's, Ont., on Dec. 18, 1982.

T. ELLIOT YOUNG, BSc'45, MD'49, at Kensington, N.H., on July 5, 1982.

'50
JAMES RAMSAY MACKINTOSH, BCom'50, at Los Angeles, Ca., on Jan. 30, 1983.

'51
ROSS A. HENNIGAR, BScAgr'51, at Vauthan Township, Ont., on Jan. 11, 1983.
DOUGLAS DAVID MASON, BEng'51, at Mississauga, Ont., on Dec. 27, 1982.

'53
PAUL MRAZIK, BEng'53, at Edmonton, Alta., in February 1983.
FRANK F. WICKHAM, BA'53, at Montreal, on Dec. 13, 1982.

'54
PIERRE LACOURSIERE, BEng'54, at Trois Rivières, Que., on Oct. 20, 1982.
JOHN INNES McGERRIGLE, BSc'54, at Montreal, on Jan. 18, 1983.
BEVERLEY (MILLAR) MUIRHEAD, DipPOT'54, on Aug. 10, 1982.

'57
ANN (PEACOCK) NOVOTNY, BA'57, MA'60, at New York, N.Y., on Dec. 6, 1982.
RONALD D. SHEA, BCom'57, at Scarborough, Ont., on Dec. 16, 1982.

'59
DR.ALLISON(CRAIG) AMAN, BSc'59, at Richmond, Va., on Jan. 9, 1983.

'62
ROLAND C. ROCKEFANE, MEng'62, at Calgary, Alta., on Nov. 26, 1982.

'64
REV. DAVID LAURENT L'ESPERANCE, BD'64, STM'68, at Toronto, Ont., on Feb. 15, 1983.

'71
ELIZABETH BUTRYM, BSc'71, Dip Ed'72, at Montreal, on Jan. 17, 1983.

'74
MURRAY W. DEAN, BEng'74, at London, Ont., on Feb. 28, 1983. □

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Chancellor of McGill University

The term of McGill's current Chancellor, Mr. C.G. Harrington, expires on December 31, 1983. Mr. Harrington has indicated his desire to step down at that time, after eight years of service to the university.

An ad-hoc committee representing the major constituencies of the university has been appointed to nominate a new Chancellor to the Board of Governors. This committee seeks the advice of all interested graduates.

Please direct any comments or recommendations that you may have to the committee secretary, R. David Bourke, as early as possible and preferably before July 1, 1983. All replies will be dealt with in strict confidence.

R.D. Bourke, Secretary-General
Room 608, F.C. James Building
McGill University
845 Sherbrooke Street West
Montreal, Quebec H3A 2T5

SOCIETY ACTIVITIES

Spring clean-up, spring growth, and fond farewell

by Gary Richards, Executive Director

Thousands of McGill graduate volunteers have traditionally helped Martlet House staff do their job. And this spring, they have given a big boost to two important initiatives: the phonathon and the applicant follow-up programme.

Thanks to the efforts of some 400 phonathoners, 12,000 fellow graduates were contacted and some $115,000 was raised. This sum has provided a significant shot in the arm for the 1982-83 Alma Mater Fund effort, which closed its books on May 31.

The organisers of this international telephone blitz were: Gordon Lindsay and Michael Alexander in Vancouver; Ed Engstrom in Calgary; Gib Brown in Edmonton; Don Amadori in Toronto; George and Joan Winters in Ottawa; Tom Jelinek in New Brunswick; Art Coleman and Rodney Tait in New York; Rick Gordon in Boston; and Louis Goldman for Washington, D.C., Maryland, and Philadelphia.

As well, the Montreal area branches, under the coordination of phonathon chairman Ann Vroom, held three evenings of phoning. They were directed by phonathon captains, Tony Peccia, Claudia Rogers, and Mike Conway. Peter Knox and Larry Johnston led the Macdonald Branch phonathon.

The branch network has also applied its energies to the applicant follow-up programme by contacting hundreds of students who have been accepted by McGill. Alta Abramowitz, director of the McGill Liaison and Information Office, was ecstatic about the number of potential McGill students who, by now, will have had a personal chat with a graduate. All of this took place thanks to the leadership of Joanne St. Lewis in Vancouver; Harvey and Diane Mathews in Victoria; Marilyn Crombie and Jacqueline Engstrom in Calgary; Tony and Angela Bettino in Edmonton; Beryl Corber in Ottawa; Paul Salvatori in Toronto; Linda Geyer and Andrea Shaw in Halifax; Jennifer Griffiths in New Brunswick; Paul Marchand in New York; Bibsy Pringle in Boston; Jim Feenie in Winnipeg; and Rhoda Knaff in Washington, D.C.



Special Events Coordinator Mary Payson enjoys one of her more sombre moments.

Harold Rosenberg

While hundreds of newly-accepted students look forward to entering McGill this fall, 3,500 of their predecessors graduated in May. Their graduation brings the number of Graduates' Society members close to 90,000. These graduates will scatter across North America and to countries around the world. Many will immediately be welcomed into one of our seventy Graduates' Society branches. All of them will be contacted regularly through the pages of the *McGill News*, Martlet House mailings, and by an annual newsletter written by their own class officers. This year it is estimated that nearly 450 such newsletters will be sent out by class events staff officer Susan Reid-Boyle.

As spring turns into summer, Mary Payson's familiar face will be missing from Martlet House. (It is one thing for her to leave the McGill staff, but to go to Toronto!) Mary was instrumental in the founding of the McGill Young Alumni (the oldest organisation of its kind in Canada) in 1970. Since that time, she has been actively involved in all phases of alumni programming, particularly in reunion activities, and in work with the Young Alumni and the Alumnae Society. The society and the graduates will miss her bubbly enthusiasm and infectious smile. We all extend our best wishes to Mary and have accordingly advised the nominating committee of the McGill Society of Toronto that she arrives on June 1.□



Participating in a downtown Montreal phonathon briefing are phonathon chairman Ann Vroom, Vice-Principal Gordon Maclachlan (centre), and Alma Mater Fund Chairman Keith Ham (right).

Carol Murray

FOCUS

John Roth



David Rosen

"Technically, I became obsolete three times in my career," says John Roth, BEng'64, MEng'66, "so I'm quite prepared to learn some new things on this job too."

As the newly-appointed president of Bell-Northern Research (BNR), Roth manages 3,200 scientists, engineers, and support staff who work in four separate laboratories in Canada, as well as in the United States. BNR's place as the leading private research and development (R and D) organisation in Canada will soon mean, no doubt, that Roth will find a number of "new things" to learn. This is especially true because today markets are booming in two high-tech fields central to the BNR mandate: electronics and telecommunications.

Roth acknowledges that his propensity for learning new things was honed at McGill. "In addition to learning something about microwaves and vacuum tubes," he says, "the most useful thing that I learned at McGill was 'how to learn.' " And, indeed, Roth's rise to head perhaps the best graduate engineering institute in Canada has involved mastering a series of increasingly complex, and often quite different, tasks.

After working for RCA, Roth joined BNR — the R and D arm of Bell Canada and Northern Telecom — in 1969, where he worked on Canada's Anik satellite. "Our job then was to increase the power and to decrease the cost of the transmission antenna," he says. Next, he worked for BNR's radio group, and then on long-haul telecommunications. After stints with Northern Telecom's manufacturing operation, he came back to BNR in March 1981, this time as executive vice-president.

"While many people believe BNR is a developer of basic technologies, this is simply not true," observes Roth. Instead, BNR's major work is in applying technologies to telecommunications. In fact, he says, "Ninety-five percent of our budget goes to applied research. In other words, only five percent goes to pure or theoretical research."

Another misconception that Roth wishes to dispel is that the primary focus of BNR is the making of hardware — mechanical equipment — rather than of software — written computer programming. "In reality," he says, "a great deal of our work — probably seventy percent of it — is in the software or programming field." BNR has a total of 1,550 software people on staff, grouped into six or seven work teams. The challenge that confronts them, he feels, is producing software that continues to be compatible with hardware technologies that are continually being improved.

In order to provide a creative climate for R and D work, Roth says, "You have to be very careful not to ask the finance question too early. It's most important to get the idea firmly built first. Then you can look at its marketability and at how to capitalise on it. And it's vital to let individuals with different disciplines — silicon designers, industrial psychologists, engineers, programmers, and so on — look at the same problem area from their perspectives."

Perhaps BNR's biggest contemporary challenge arises from the rapid growth in the differing types and uses of data processing equipment, and the dissemination of telecommunications equipment interconnected with telephone transmission lines. As Roth explains it: "Right now, when people have a telephone conversation, the only information they can relay to each other is what is on their desk and what they can read to each other. If it isn't on their desks, they have to say: 'I'll call you back later when I get it.' "

Increasingly, this material is stored in computers, but the diversity of the technologies involved prevents electronic exchanges between different systems. "Clearly what we have to do," says Roth, "is to make electronic files accessible to the telecommunications network and to transmit quickly the right information to the organisation's decision-makers." This is the goal behind the $1.2 billion programme, sponsored by Northern Telecom, entitled "Open World" or "Open Protocol Enhanced Networks." Basically this five-year R and D effort will try to provide digital communications systems capable of handling most makes of equipment. It will thus enable all major office communications, such as data processing, voice and data communications, word-processing, and the exchange of images, to take place in one integrated system. In effect this will change existing telephone systems into high-capacity information pipelines.

One major Northern Telecom "Open World" contribution is to provide interface agreements that will ensure maximum compatibility between its SL-1 private branch exchange — a high-capacity telephone switching system — and certain data processing equipment. The first two agreements were signed in October 1982 with Digital Equipment Corporation and Sperry Univac. The "Open World" will also link up IBM's Systems Network Architecture and data networks. In addition, more powerful versions of Northern Telecom's display phone are also in the works. And new digital controllers will increase information speed of copper wire to one billion bits of information per second, or ten times the present rate.

"I suppose you could say this is a long way from studying microwaves at McGill," Roth says with a smile, referring to his master's studies in electronic engineering. "But, then, I guess I'm still learning."

Hawley Black□

REUNION '83

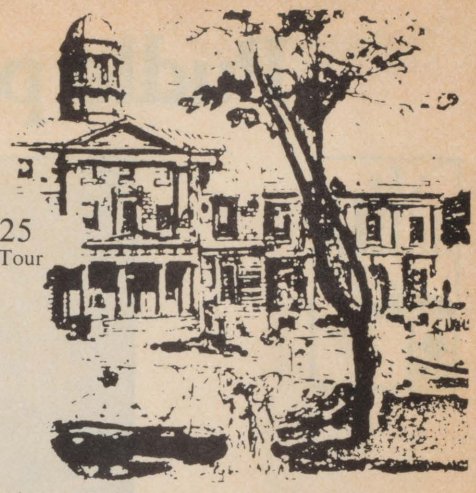
KEEP THESE DATES OPEN!

THURSDAY SEPTEMBER 22
Opening Reception
Annual Dinner Meeting

FRIDAY SEPTEMBER 23
Faculty Seminars
Leacock Luncheon
Faculty Receptions
60's & 70's Dinner Dance
President's Reception ('58)
Deans' Reception ('53, '48, '43, '38)
Principal's Dinner ('33)
Chancellor's Dinner ('28 & earlier)

SATURDAY SEPTEMBER 24
Alumnae Reception
Graduates' Luncheon
Football Game
McGill vs. Ottawa
Graduates' Rendez-Vous

SUNDAY SEPTEMBER 25
Old Montreal Walking Tour
Organ Recital
Closing Luncheon



CLASS PARTIES TO DATE: REUNION YEARS (YEARS ENDING IN 3's and 8's)

FACULTY and YEAR	CHAIRMAN
Commerce '23	Wendell Brewer
Dentistry '23	Morey L. Simon
R.V.C. '23	Mrs. E.T. Bourke
R.V.C. '28	Mrs. S.B. Earle
	Mrs. Angus Greig
Architecture '33	John Bland
	Harry Mayerovitch
Arts & Science '33	A.A.M. Walsh
Commerce '33	John F. Close
	W.L. Barnes
	André Leroux
Engineering '33	Gilbert Painter
	Hugh Seybold
Medicine '33	Edwin A. Stuart
R.V.C. '33	Marjorie Russel
Architecture '38	G. Bennett Pope
Dentistry '38	Howard T. Oliver
Engineering '38	Donald C. MacCullum
Law '38	H. Heward Stikeman
Medicine '38	Rowland E. Henderson
R.V.C. '38	Ruth Stevenson
Dentistry '43	Dr. R. Edmison
Engineering '43	Louis F. Fitzpatrick
Medicine '43A	John W. McMartin
	William K. MacDonald
Medicine '43B	Walter Lloyd-Smith
R.V.C. '43	Margaret Stronach
Agr. & Home Ec. '48	V.M. Swail
Commerce '48	Gordon D. Powis
	M. Lawrence Bessner
Law '48	John M. McDougall
Medicine '48	Ross O. Hill
Phys. & Occ. Therapy '48	Carol Morency
Agr. & Home Ec. '53	Pat Reynolds
Arts '53	Joan Charteris
Engineering '53	Lawrence Jackson
Medicine '53	Geoffrey W. Lehman
Agr. & Home Ec. '58	Alan W. Douglas
Architecture '58	F. Tom Mill
Arts & Science '58	Joan Monk
	Helgi Soutar
Commerce '58	Jacques G. Hébert
	Peter Monk
	Ruth Scott
	Stephen Vineberg
Dentistry '58	Robert Faith
Engineering '58	Louis Donolo, Jr.
Law '58	B. Robert Benson
	L. Yves Fortier
Medicine '58	Douglas D. Morehouse
Nursing '58	Gwynneth Allen
Physical Education '58	Lorna Kertland
	Lorraine Wolfe
Social Work '58	Miriam Kapusta
Agr. & Home Ec. '63	Robert Farr
Commerce '63	S.T. Tabac
Law '63	Doug Pryde
Medicine '63	J.K. MacFarlane
	P.G. Gillett
Phys. & Occ. Therapy '63	Suzanne Batrie
Agr. & Food Science '68	Steve Casselman
Dentistry '68	Avrum F. Sonin
M.B.A. '68	Ron Pearson
Medicine '68	Robert W. Francis
Phys. & Occ. Therapy '68	Carolyn Vincent Jones
Agr. & Food Science '73	Suzelle Barrington
Dentistry '73	William Finkelstein
Civil Engineering '73	Michael Miskin
Met. Engineering '73	Ian M. London
Medicine '73	Martin H. Poleski
Dentistry '78	Stephen G.J. Fitch
	Irwin Kreisman
Chem. Engineering '78	Ed Toczko
Law '78	Catherine Duff-Caron
	Rodney Birrell
B.Sc.N. '78	Patricia Rose
Occupational Therapy '78	Lisa Touma
Physical Therapy '78	Margaret Gurd-Gross
Non-Reunion: McConnell Hall Reunion (1970-1979)	Brian J. Ward

If this is a reunion year for your class, but your class is not listed above, why not contact Susan Reid-Boyle (514-392-4815) at 3605 Montain St., Montreal H3G 2M1, and talk over plans for your year.

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Pudlo presents "Spring Journey"



B

World renowned Eskimo artist, Pudlo, photographed with his latest work at Cape Dorset, Northwest Territories, is one of seven famous Canadian artists whose work is now available in a special edition for only $19.95.

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